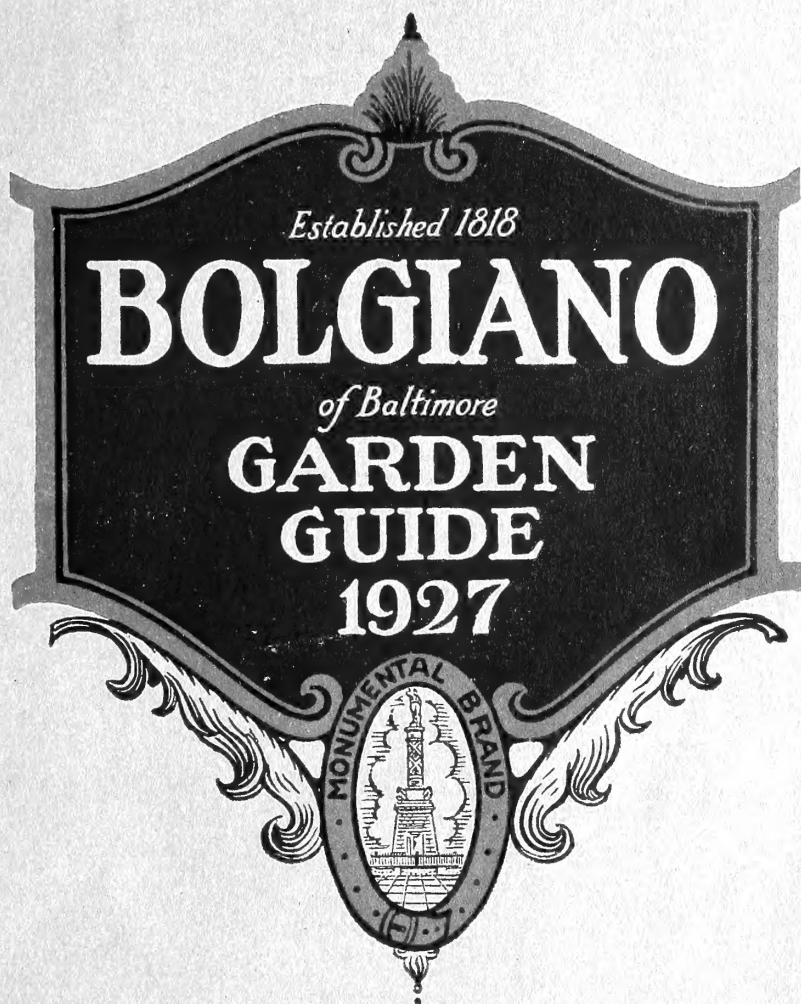


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BUREAU OF PLANT INDUSTRY
WASHINGTON, D.C.

One Hundred and Ninth Annual



The
J. BOLGIANO SEED CO., Inc.
LIGHT ST. BALTIMORE, MD. AT PRATT
BRANCH STORE
849 BROAD ST., AUGUSTA, GA.

BOLGIANO'S SEEDS

TESTED AND TRUSTED OVER A CENTURY

HOW TO ORDER BOLGIANO'S SEEDS—READ CAREFULLY

We Fill Orders of All Values, from the Smallest to the Largest, and All Receive the Same Careful and Prompt Attention. Prices in this Catalogue are Subject to Market Changes—Special Quotations Promptly Given

FREE DELIVERY BY MAIL. We deliver free to any postoffice in the United States all Vegetable and Flower Seeds offered in this Catalogue by the packet, ounce, quarter-pound and pound with certain exceptions which are plainly marked.

When Best to Order. We are supplied with New Crop Seeds and fully equipped for filling orders. Order at once, so that you can have your seed on hand ready to start planting your crops at the proper time without delay.

One or Two Cent Postage Stamps. We will accept the same as cash. Do not send other kinds.

Use Our Order Blank If You Have One. If you haven't one, use any plain paper.

Tell Us In Your Own Way What You Want, in any language. Enclose in your letter the amount of money, either a postoffice money order, which you can get at the postoffice, an express money order, which you can get at the express office, or a draft, which you can get at any bank, or put the money in your letter, take it to the postoffice and tell postmaster you want it registered.

Be Sure to Sign Your Name and Address. If by boat or railroad, say distinctly which boat or railroad to ship by, and if freight has to be prepaid, add this amount to your order to prevent delay.

We Maintain a Fully Equipped Seed Testing Laboratory. Where all of our seed is tested for germination, which assures you that the seed will germinate and grow if soil and weather conditions (over which we have no control) are not destructive after planting.

Change of Address. If you have changed or intend to change your address, please let us know; we will change it on our books, so that you will receive our Catalogue at your new postoffice. We thank you for doing this.

Market Gardeners, Farmers' Clubs and Institutions wanting to purchase seeds in unusually large quantities should write for special prices. We have made prices very low in this Catalogue, yet when a number of bushels or pounds are wanted we can frequently supply at lower price than by the single pound or bushel. In writing give us a list of quantities and varieties required, and we will return list promptly with our lowest price for the lot.

Always Remember That We Can Save You Money, No Matter Where You Live. Write us about any seed you would like to know of, and your letter will be answered the same day it is received. If you wish to know exactly what the freight or express would be on any article to your station, write us and we will tell you.

The J. Bolgiano Seed Co. gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells and will not be responsible for the crop. If the customer does not accept the goods on these terms they are to be returned at once and the money that has been paid will be refunded.

UNITED STATES PARCEL POST RATES—FOURTH-CLASS MATTER SEEDS, PLANTS, BULBS, ROOTS, GARDEN, LAWN AND POULTRY SUPPLIES



United States Parcel Post Map Showing Zones from
Baltimore, Md.

SIZE OF PARCEL THAT CAN BE SENT BY PARCEL POST

Size of package that can be sent by Parcel Post cannot be over 84 inches in length and girth combined.

The rate of postage on mailable parcels of seeds, cuttings, bulbs, roots and plants, weighing 8 oz. or less, shall be 1c for each 2 oz. or fraction thereof, regardless of distance, and on those weighing more than 8 oz. the pound rates shown in table shall apply.

WEIGHTS BY PARCEL POST

Parcels up to 70 lbs. can be sent by Parcel Post in the local, 1st, 2nd and 3rd zones, and up to 50 lbs. in all other zones.

To points further than the 2nd zone, on weight of over 10 lbs., the charge by freight or express is usually more economical.

Rate Table	First		Each Addi-
	Lb. or Fraction		tional Lb. or Fraction
Local Rate, Baltimore and Suburbs only.....	7c		1c
First Zone, within 50 miles of Baltimore City....	7c		1c
Second Zone, within 150 miles of Baltimore City..	7c		1c
Third Zone, within 300 miles of Baltimore City..	8c		2c
Fourth Zone, within 600 miles of Baltimore City..	9c		4c
Fifth Zone, within 1,000 miles of Baltimore City..	10c		6c
Sixth Zone, within 1,400 miles of Baltimore City..	11c		8c
Seventh Zone, within 1,800 miles of Baltimore City	13c		10c
Eighth Zone, all over 1,800 miles from Baltimore..	14c		12c

On most of the articles listed in this Catalogue, we have given the mailing weight. By referring to the Parcel Post Map above, you can easily see in what zone you are located, and from Rate Table, you can easily determine the amount of postage required.

THE J. BOLGIANO SEED CO.

SUCCESSOR TO

ESTABLISHED 1818 J. BOLGIANO & SON INCORPORATED 1921

LIGHT ST. at the corner of PRATT, BALTIMORE, MD.

BRANCH

849 BROAD ST., AUGUSTA, GA.

Formerly N. L. WILLETT SEED CO.

EXTRA ORDER BLANKS and ENVELOPES FURNISHED on REQUEST

“TESTED AND TRUSTED” OVER A CENTURY

THE J. BOLGIANO SEED CO. GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS, PLANTS OR BULBS THEY SEND OUT. AND THEY WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

Date _____ 19____

SEND BY _____
(State here if wanted by Mail, Express or Freight)

NAME _____
Please prefix Mr., Mrs., or Miss

POST OFFICE _____ STATE _____

R. F. D. No. _____ BOX No. _____ STREET & No. _____

EXPRESS or
FREIGHT OFFICE

DOMESTIC PARCEL POST RATES		First pound or fraction	Each additional pound or fraction
On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.			
First Zone	Baltimore, Md. or 50 miles thereof..	7c	1c
Second Zone	within 50 to 150 miles.....	7c	1c
Third Zone	within 150 to 300 miles.....	8c	2c
Fourth Zone	within 300 to 600 miles.....	9c	4c
Fifth Zone	within 600 to 1000 miles.....	10c	6c
Sixth Zone	within 1000 to 1400 miles.....	11c	8c
Seventh Zone	within 1400 to 1800 miles.....	13c	10c
Eighth Zone	all over 1800 miles.....	14c	12c

IF OUT OF VARIETY
ORDERED HAVE WE YOUR
PERMISSION TO
SUBSTITUTE EQUAL OR
BETTER?

ANSWER YES or NO.....

Money Enclosed	Amount	
Bills or Silver		
<i>Are sent at owner's risk.</i>		
<i>(Register the Letter)</i>		
Draft or Check		
Ex. Money Order		
Post-Office Order		
Postage Stamps		
Total		

If goods
are wanted
C. O. D. 25
per cent. of
the amount
must
accompany
the order.

No plants
shipped
C. O. D.

Please do not write in these spaces

DATE FILLED _____ POSTAGE _____

FILLED BY _____ CHECKED BY _____ PACKED BY _____

PLEASE DO NOT WRITE IN ABOVE SPACE

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OVER

PLEASE GIVE YOUR NAME AND ADDRESS IN FULL

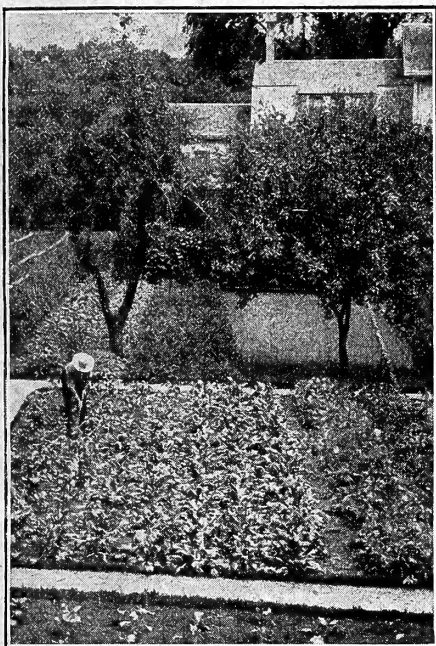
Three Special Collections

Plant a Vegetable and Flower Garden at small cost

What can be more fascinating or interesting to say nothing of the health-giving exercise one receives than planting either a Vegetable or Flower Garden or both?

We have made up three collections (two Vegetable and one Flower) that puts this interesting, healthy and most worth while occupation within reach of all.

If you are not interested, let the children see what they can do; there is nothing that will interest the child more or help to build character than to watch the development of the mysteries wrapped up in the tiny unattractive seed into the wholesome vegetables or the wonderfully colored and formed flowers that go so far to beautify the home and its surroundings. Each packet in the Vegetable Collection contains enough seed to plant rows of a given length as described below, and there are enough Flower seed to give a certain number of plants. If you have space for longer rows or more plants use a number of collections to fill your space.



Collection No. 1

Each package contains
enough seed for

10-foot row Radish
10-foot row Carrot
10-foot row Beet
50 plants Tomato
100 plants Lettuce
5 hills Cucumber

Collection No. 2

Each package contains
enough seed for

50 plants Tomato
15 hills Sugar Corn
8-foot row Beans
8-foot row Peas
4-foot row Parsley

Flower Seed Collection

Each package contains enough seed for

100 plants Alyssum
75 plants Asters
50 plants Cosmos

75 plants Marigold
36 plants Nasturtium
36 plants Zinnia

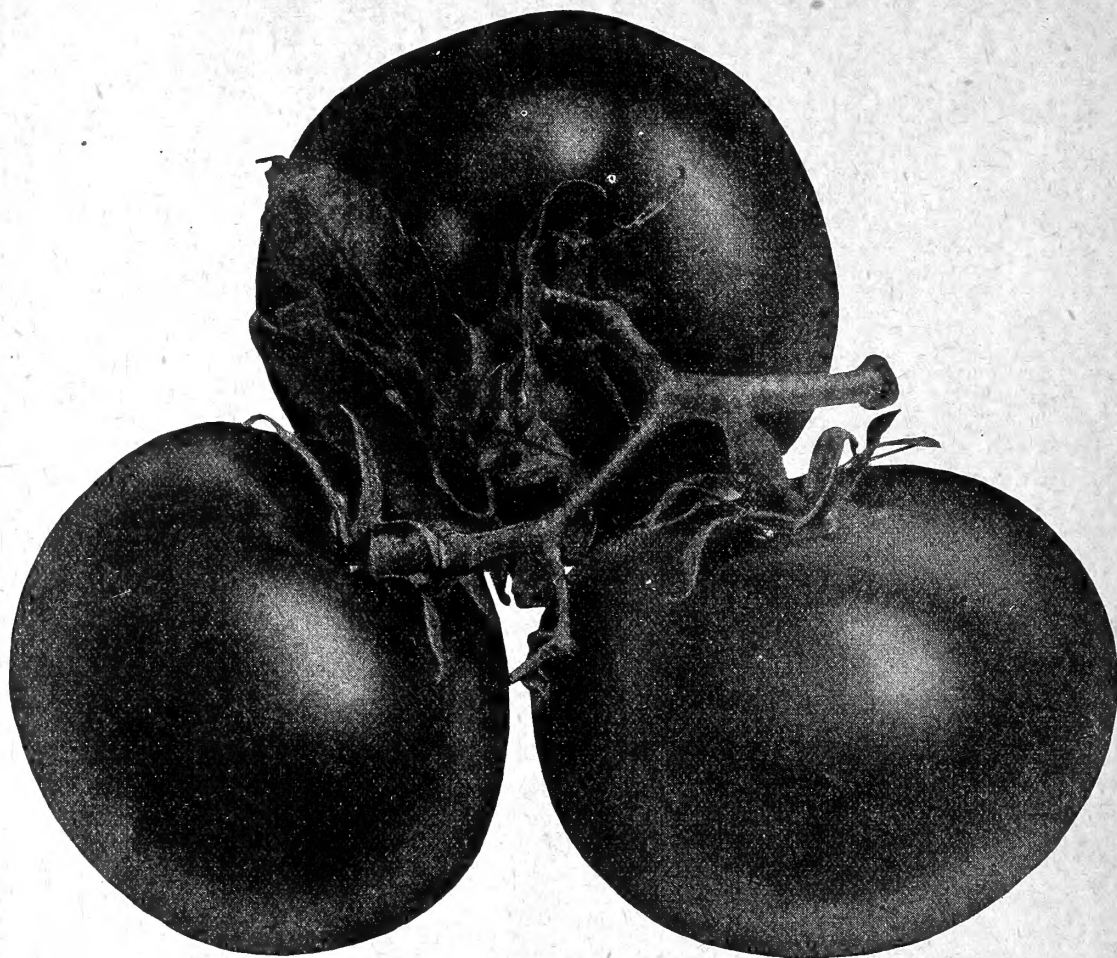
Price 10c Each Collection

Or the THREE as listed for 25c

Postpaid to any address in the U. S.

Each of these collections is contained in an envelope on which is printed directions for preparing the soil and plain simple instructions for the culture of each kind of Vegetable and Flower Seed. The Flower collection gives a plan for the arrangement of a flower garden which is only a suggestion of what may be accomplished with a little thought and planning.

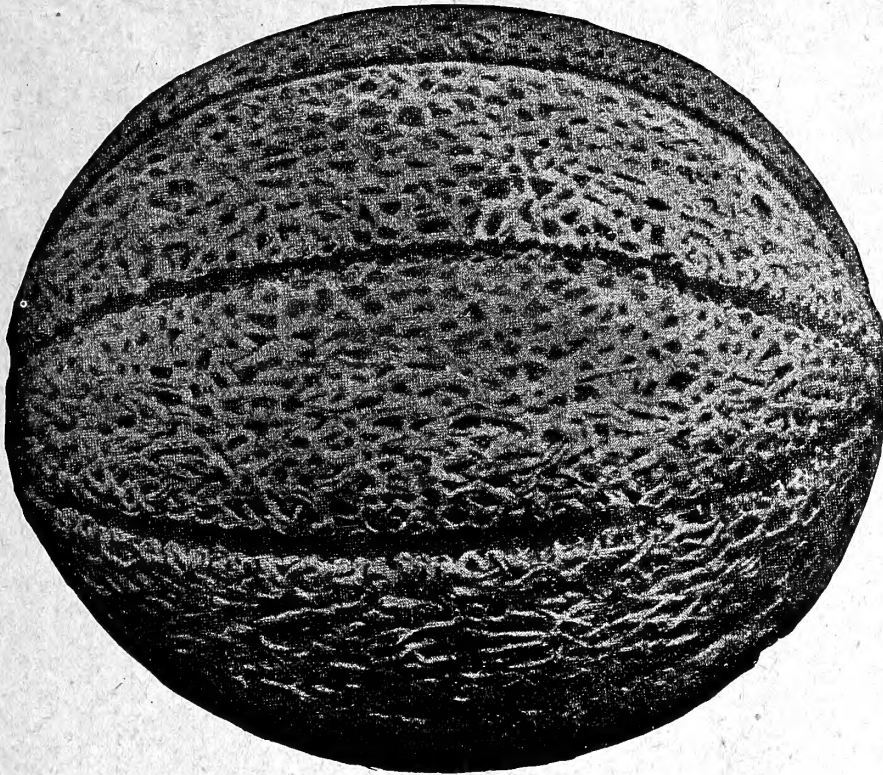




600 Bolgiano's Monumental Tomato

The Monumental comes to maturity about 5 days later than the extra early varieties, is an exceptionally heavy yielder bearing throughout the season, holding its size to the last picking. It is large, solid, with no core and very small seed cavity, almost perfectly round or globe shape with very slight, almost imperceptible indentation at the stem and none at the blossom end. A beautiful brilliant red, it colors evenly to the stem. It bears its fruit in clusters well to the centre of the hill. Its keeping qualities are unequalled, green fruit taken from the vines ripened up perfectly after having been picked for two and three weeks making it an ideal variety for long distance shipping. Bolgiano's Monumental Tomato has proven to be an unqualified success wherever it has been tried. Market Gardeners have found it to be the best of the medium late or main crop varieties; one grower near Baltimore picked as much as fifteen tons of tomatoes to the acre. Those of our friends in the canning industry who had it say it is the best they have ever used, giving exceptionally large yields of perfect fruit. One of our Texas friends writes it is the best tomato he has ever seen in The Rio Grande Valley. We recommend giving this grand tomato a trial. We cannot afford to lead you astray, our reputation of over 100 years is behind this recommendation. Pkts., 10c. and 25c. Oz., 75c. $\frac{1}{4}$ lb., \$2.25. Lb., \$8.00.

The New Extremely Early Cantaloupe



Hale's Best

610 Hale's Best

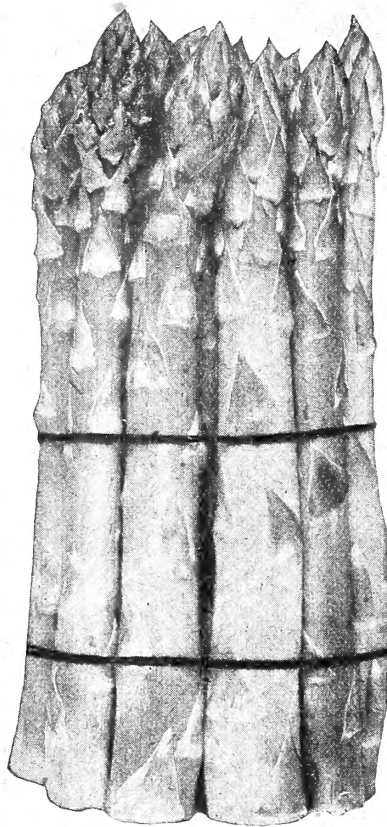
This melon was selected by a large melon grower in California from the ordinary strains of Rocky Ford he was growing. It has much the same shape, appearance, netting and carrying qualities, flesh and flavor of the other salmon tinted Rocky Ford Melons.

A recent report by the California Crop Reporting Service regarding cantaloupes grown in that state, gives the following figures. In 1924 there were less than 300 acres of Hale's Best, in 1925 about 5487 acres and in 1926 there were 16,875 acres, this in face of a very small increase in the total acreage in melons in the state. The same increase was apparent at Rocky Ford, New Mexico, Arizona and all other Western states where melons are grown in large acreages.

It is obvious that the sudden popularity must have a reason, which is its extreme earliness combined with its general good eating and shipping qualities.

It is ten days earlier than any other strain of shipping melon in use.

In addition to its earliness it is very prolific and averages about 10% larger than the Rocky Fords, a fact which makes it popular in many markets. We have no information of this melon having been offered by any other seed house in the East or South and we believe here is an opportunity for the progressive truckers and market gardeners who grow melons to profit by the experience of the western growers who are growing the melon in larger quantities each year. We strongly recommend planting at least a part of your acreage in this melon. Pkt., 10c. Oz., 25c. $\frac{1}{4}$ lb., 75c. Lb., \$2.50. Postpaid.



Washington Asparagus

bles except in size, it being smaller. Heads are medium size, round, very solid and uniform and of fine quality. Dwarf compact growth with few outer leaves which admits of close planting. The Market Gardener who does not plant this Cabbage is missing an opportunity to make money, and the home gardener a treat as this cabbage when served as slaw is simply delicious, having a distinct sweet and mild flavor. Pkt. 10c. Oz., 75c. $\frac{1}{4}$ lb. \$2.75. Lb. \$10.00. Postpaid.

604 Mary Washington Asparagus

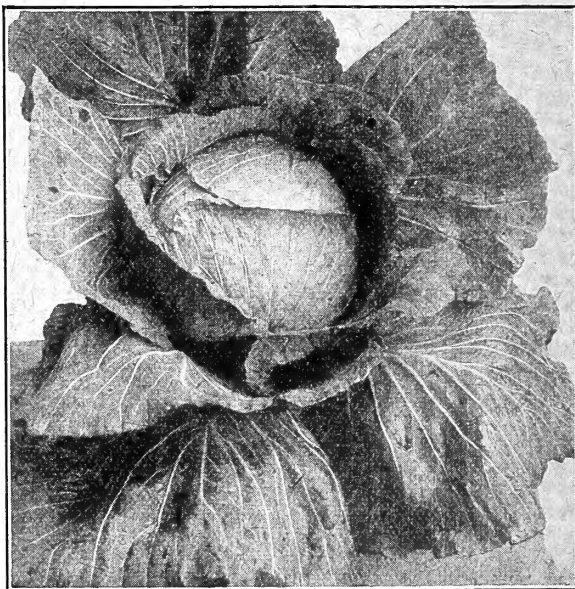
Mary Washington is the ideal asparagus; it is earlier, has larger stalks, is more prolific, and possesses high rust resistance, and will net more money to the acre than any other variety of asparagus. This is the latest of the Washington Rust Resistant types introduced and is the best. On account of its quick growing habit it is very tender, of a deep green color with a purple tinge. The flavor is excellent, having a peculiar and pleasing sweetness. Pkt. 10c. Oz. \$.25. $\frac{1}{4}$ Lb. \$.75. Lb. \$2.50. Postpaid.

Mary Washington Asparagus Roots

1 doz. \$.50. 50 for \$1.75. 100, \$3.25. Postpaid.
1000, \$15.00. Transportation to be paid by customer. Write for special prices on larger quantities.

596 Golden Acre Cabbage

This new extremely early round-headed variety has been given a very appropriate name, as it is a most profitable cabbage to grow. It is about 10 days' earlier than Copenhagen Market which it very much resembles

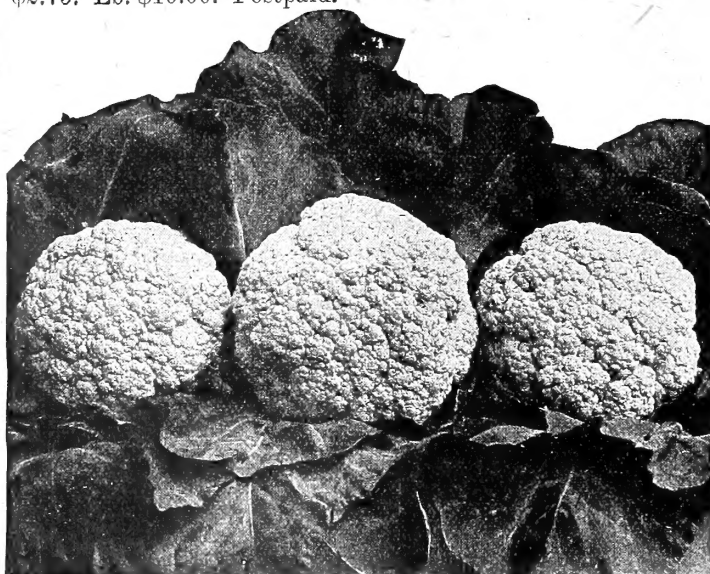


Golden Acre Cabbage

54 Bolgiano's New Century Cauliflower

Is by far the best Cauliflower you can plant. If you grow Cauliflower give it a trial. Large growers who have tried it by the ounce are now buying it by the pound. It is in a class by itself—it stands supreme.

It heads when others fail. Large, perfect heads, measure from 12 to 14 inches in diameter, are compact, deep and solid and will outweigh those of any other strain. It is the earliest of all Cauliflower. One-third more can be planted on the same space than can be done with other varieties because of its close growing, compact habit. It is the Most Carefully Grown Cauliflower Seed in the World. Pkt., 25c. $\frac{1}{4}$ oz., 90c. $\frac{1}{2}$ oz., \$1.50. Oz., \$2.75. $\frac{1}{4}$ lb. \$9.00. Lb., \$35.00.



Bolgiano's New Century Cauliflower

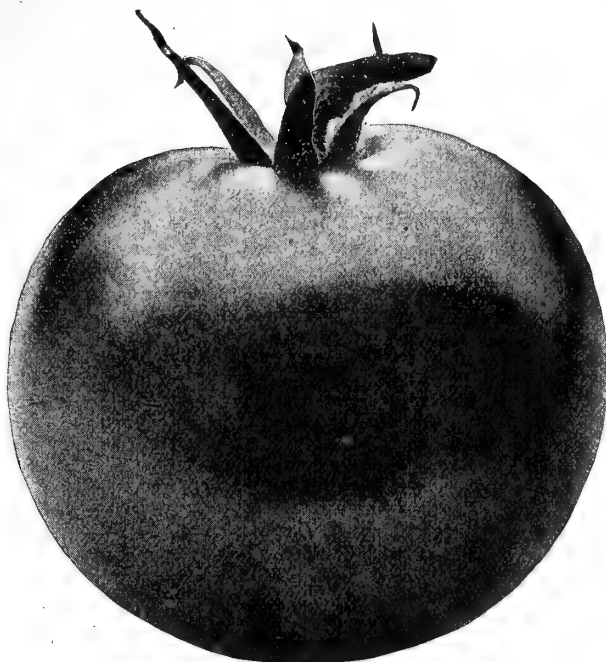
609 **Mar Globe Tomato**

This new tomato is the result of the efforts of Dr. F. Pritchard of The United States Department of Agriculture who has succeeded in producing a perfectly globe-shaped tomato of a most beautiful Red color. It bears an abundant crop of good size fruit which ripens well up to the stem. It is a second early sort and has

proven to be disease resistant in the sections where tomato diseases are most prevalent.

Our seed was grown under our most careful tomato growing conditions and was grown from stock secured direct from Dr. Pritchard.

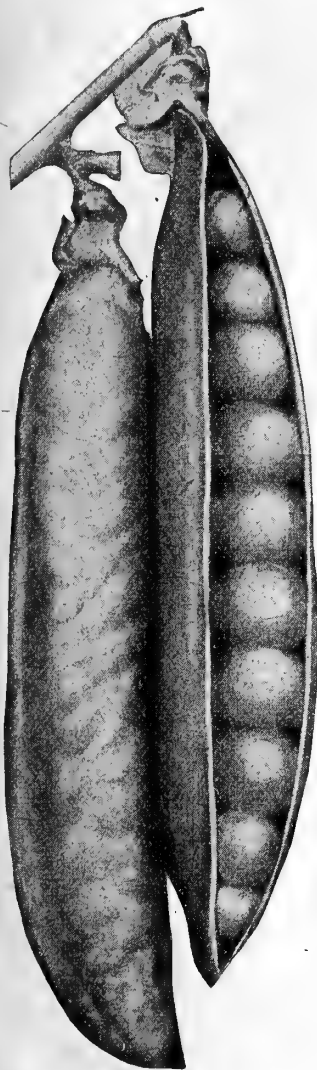
Our supply is very limited and can therefore offer it only in Packets at 25c. each while it lasts.



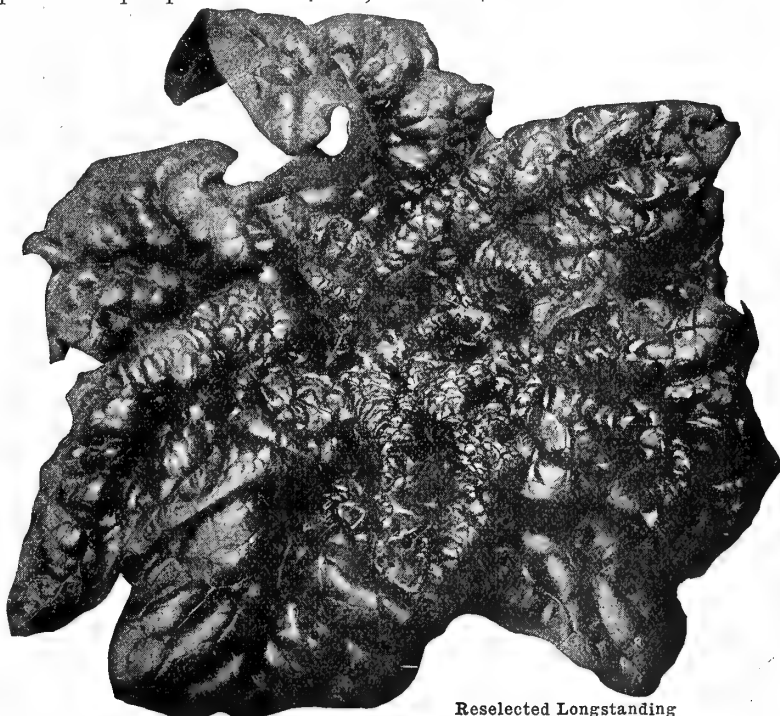
Mar Globe Tomato

1311 **New Extremely Early Wrinkled Pea**
"Bolgiano's Climax"

A splendid companion to our Famous Early Bird Pea. The vines are dwarf, growing only about 18 inches high, well filled with handsome long dark green pods, measuring from 4 to 4½ inches in length, filled to the very ends with large dark green peas of the finest quality. It is a week or more earlier than Thos. Laxton with pods at least an inch longer. We believe this pea to be the earliest large podded dwarf wrinkled variety yet introduced. 1 lb. 65c., 2 lbs. \$1.15, postpaid. Not postpaid 15 lbs. \$4.50, 100 lbs. \$30.00.

New Extremely Early
Wrinkled Pea
"Bolgiano's Climax."608 **Reselected Longstanding**
Savoy Spinach

Here is a variety of Spinach which will fill a long felt want for a variety especially good for spring sowing as it will not shoot to seed like many of the other varieties. The leaves are of that attractive dark green that is so much desired, and are thick, beautifully curled and crinkled and of the finest quality. Oz., 10c. ¼ lb., 25c. Lb., 60c. Postpaid.

Reselected Longstanding
Savoy Spinach

Cultural Notes for the Vegetable Garden

Location

This is not always a matter of choice, but a garden may be produced on many spots which at first glance do not appear at all likely. Much depends on the gardener. To be successful a garden plot must have at least five hours of sunlight a day, must be fairly well drained and have deep soil, if it faces the south or southeast it would be ideal.

Planning the Garden

A comparatively small space may be made to produce almost continuously from early Spring to late Fall. To do this it is necessary to plan the garden. If a study is made of follow crops and sequence of planting it is surprising what may be accomplished.

The conditions which must be considered are, section of country, size of the garden and the taste of the individual gardener. Allowance must be made that in certain sections of the country some of the follow crops suggested would not mature. The size of the garden is a limiting factor as it sometimes becomes a matter of decision between two equally desired vegetables, lacking space for both; and the individual taste of the gardener enters into the planning as some of the best vegetables suggested may not be to his liking. There is listed below suggestions in starting seed in order to plant them in the open ground at the earliest possible date. By comparison of this information with the column showing number of days from seeding to maturity on the planting table the gardener has the means of figuring out the greatest use of his space and of confining it to vegetables to the individual liking.

1. Seed which may be planted in hotbeds or seed flats before the time of outdoor planting.

(a) These vegetables may be planted before the ground is warm and when there is still danger from late frosts: Early Cabbage, Early Beet, Lettuce, Kohl Rabi.

(b) These vegetables should not be transplanted to the garden until the ground is well warmed and until there is no danger from frost: Cauliflower, Okra, Egg Plant, Pepper, Early Tomato.

(c) These plants should be planted in pots or cups indoors if an early crop is desired, so they may be transplanted to the garden with less liability of loss: Cucumber, Melons, Squash.

2. Seeds which may be planted in the open ground as soon as the ground can be worked: Late Beets, Early Peas, Parsnips, Late Lettuce, Radish, Spinach, Potatoes, Early Turnips, Swiss Chard, Onions, Kale.

String Beans, Carrots, Squash, Cucumber, Melons and Early Corn come under this class but should not be planted until the ground is well warmed by the sun.

VEGETABLE PLANTING TABLE

Kind of vegetable	Seeds or roots required for 100 feet of drill	One Acre	Distance for plants to stand			Depth of planting	Ready for use after planting
			Rows apart		Plants apart in rows		
			Horse cultivation	Hand cultivation			
Asparagus, seed	1 oz.	5 lbs.	30 to 36 in.	1 to 2 ft.	3 in.	1 in.	2 years.
Asparagus, roots	60 to 80		3 to 5 ft.	12 to 24 in.	15 to 20 in.	3 to 5 in.	1 year.
Beans, dwarf	1 pt.	1 bu.	30 to 36 in.	18 to 24 in.	2 in.	1 in.	42 to 75 days.
Beans, pole	½ pt.	½ bu.	3 to 4 ft.	3 to 4 ft.	3 to 4 ft.	1 in.	72 to 90 days.
Beets	1 oz.	6 lbs.	28 to 36 in.	12 to 18 in.	2 in.	1 in.	45 to 60 days.
Brussels sprouts	¼ oz.	2 oz.	30 to 36 in.	24 to 30 in.	16 to 24 in.	½ in.	100 to 120 days.
Cabbage, early	¼ oz.	¼ lb.	30 to 36 in.	24 to 30 in.	12 to 18 in.	½ in.	90 to 110 days.
Cabbage, late	¼ oz.	¼ lb.	30 to 40 in.	24 to 36 in.	16 to 24 in.	½ in.	110 to 120 days.
Carrot	½ oz.	2 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	55 to 80 days.
Cauliflower	¼ oz.	1 oz.	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	95 to 110 days.
Celery	¼ oz.	¼ lb.	3 to 6 ft.	18 to 36 in.	6 in.	½ in.	120 to 150 days.
Collards	¼ oz.	¼ lb.	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	100 to 120 days.
Corn, sweet	¼ pt.	6 qts.	36 to 42 in.	30 to 36 in.	4 to every 3 ft.	1 in.	55 to 90 days.
Cress, water	½ oz.		Broadcast			water	60 to 70 days.
Cucumber	½ oz.	2 lbs.	4 to 6 ft.	4 to 6 ft.	4 every 3 ft.	1 in.	50 to 70 days.
Eggplant	½ oz.	¼ lb.	30 to 36 in.	24 to 30 in.	18 in.	½ in.	125 to 140 days.
Endive	1 oz.	2 lbs.	30 in.	18 in.	12 in.	½ in.	100 days.
Kale, or borecole.	¼ oz.	1 lb.	30 to 36 in.	18 to 24 in.	18 in.	½ in.	55 to 60 days.
Kohl-rabi	¼ oz.	1 lb.	30 to 36 in.	18 to 24 in.	6 in.	½ in.	50 to 70 days.
Leek	½ oz.	4 lbs.	30 to 36 in.	14 to 20 in.	4 in.	½ in.	120 to 150 days.
Lettuce	½ oz.	3 lbs.	30 in.	12 to 18 in.	6 in.	½ in.	70 to 90 days.
Muskmelon	½ oz.	2 lbs.	6 to 8 ft.	6 to 8 ft.	4 every 4 ft.	1 in.	85 to 150 days.
Watermelon	1 oz.	3 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	100 to 130 days.
Mustard	1 oz.	1 lb.	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	¼ in.	60 to 90 days.
Okra	2 oz.	8 lbs.	4 to 5 ft.	3 to 4 ft.	24 in.	1 in.	90 to 140 days.
Onion, seed	1 oz.	4 lbs.	24 to 36 in.	12 to 18 in.	2 in.	½ in.	125 to 150 days.
Onion, sets	1 qt.		24 to 36 in.	12 to 18 in.	4 or 5 to ft.	1 in.	100 days.
Onion seed for sets.	1 lb.	50 lbs.	24 to 36 in.	12 to 18 in.	½ in.	½ in.	90 days.
Parsley	½ oz.	3 lbs.	24 to 36 in.	12 to 18 in.	3 in.	½ in.	65 to 90 days.
Parsnip	1 oz.	4 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	130 days.
Peas	1 pt.	2 bu.	3 to 4 ft.	30 to 36 in.	1 in.	1 in.	45 to 75 days.
Pepper	½ oz.	2 oz.	30 to 36 in.	18 to 24 in.	15 in.	½ in.	130 to 150 days.
Potatoes, Irish	5 lbs.	10 bu.	30 to 36 in.	24 to 36 in.	14 in.	4 in.	90 to 150 days.
Potatoes, sweet	3 lbs. (or 75 slips).		3 to 5 ft.	3 to 5 ft.	14 in.	3 in.	150 days.
Pumpkin	½ oz.	2 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	75 to 90 days.
Radish	2 oz.	10 lbs.	24 to 36 in.	12 to 18 in.	1 in.	½ in.	20 to 75 days.
Rhubarb, seed	½ oz.		36 in.	30 to 36 in.	12 in.	½ to 1 in.	3 years.
Rhubarb, roots	33 roots		3 to 5 ft.	3 to 5 ft.	3 ft.	2 to 3 in.	1 year.
Ruta baga	¼ oz.	2 lbs.	30 to 36 in.	18 to 24 in.	6 in.	½ to 1 in.	90 days.
Salsify	1 oz.	10 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	150 days.
Spinach	1 oz.	8 lbs.	30 to 36 in.	12 to 18 in.	2 in.	1 in.	45 days is min.
Squash, summer	½ oz.	4 lbs.	3 to 4 ft.	3 to 4 ft.	4 every 4 ft.	1 in.	65 to 70 days.
Squash, winter	½ oz.	2 lbs.	7 to 10 ft.	7 to 10 ft.	4 every 6 ft.	1 in.	125 days.
Tomato	½ oz.	1½ oz.	3 to 5 ft.	3 to 4 ft.	3 by 4 ft.	½ in.	125 to 150 days.
Turnip	½ oz.	1 lb.	24 to 36 in.	18 to 24 in.	2 in.	¾ in.	45 to 90 days.

3. Seeds which may be planted in the garden in succession in the open: Stringless Beans, Peas, Carrots, Spinach, Beets, Corn, Radish, Lettuce, Turnip.

For succession planting allow about two weeks between each planting. This will give a continuous supply of ripe vegetables of any of the above varieties.

One point always to be borne in mind is, in follow crops on the same ground, do not plant the same vegetables. For example, do not follow cabbage in the same ground that cabbage has just been raised. The reason for this is that plant disease is more easily developed and continued if this is done.

Time Of Planting

Garden plants are divided into about four more or less distinct groups.

Early cabbage plants, kale, onion sets, smooth peas, Irish potatoes, and radishes may be planted two weeks before the average date of the last killing frost.

Beets, Swiss chard, carrots, lettuce, wrinkled peas, cauliflower, spinach and sweet corn may be planted about the date of the last killing frost.

Beans, parsnips, salsify, melons, cucumbers, tomato and sweet potato plants may be planted after the last killing frost.

The heat-loving plants, such as peppers, eggplants, Lima beans, and the squashes, should not be planted in the open until the ground has thoroughly warmed, which will be about four weeks after the last killing frost.

There are a number of crops, such as snap beans, lettuce, radishes, and beets, that should be planted at intervals in order to insure a continuous supply throughout the season. In the case of snap beans as many as five different plantings may be had in some sections. In the southern part of the United States special attention should be given to the planting of the semi-hardy crops, such as spinach, kale, and cabbage, during the autumn, in order to have a supply throughout the Winter.

Preparation Of The Soil

If the soil has not been previously cultivated, it is best to prepare it in the Fall particularly if it is heavy clay, as freezing and the thawing loosen the soil and help to condition it.

For Spring preparation, work as early as possible. However, more harm than good will result if the soil is too wet. The simplest and most effective test is to take a handful of soil and squeeze it together; if the imprint of the fingers remains in the soil when the hand is opened it is too wet to work. It should crumble between the fingers.

The best soil is a sandy loam. Heavy clay soil may be improved by adding sand, fresh sifted ashes, stable manure, or leaf mould, before digging. Lime should be used if the soil is damp and soggy, to counteract the acid condition of such soil. Only sifted ashes should be used. This tends to make the soil more friable. Fresh hardwood ashes are also good and have excellent fertilizing qualities. Stable manure is best if well rotted, and should contain no sawdust, or wood shavings. Leaf mould should only be used after the top 3 inches, which contain wild weed seed, have been removed.

Poultry and Sheep Manure are also good, but commercial varieties only should be used which are obtained from stock yards and which are free of weed seed. It is best to use these manures in the hills or in transplanting rather than as a general fertilizer, due to their high percentage of nitrogen.

When digging the soil make a thorough job of it. If the garden is large enough have it done with a horse and plow, but if it is not, the digging should be done with a fork, and to a depth of 12 inches. A thorough digging means the difference between a productive garden and a poor garden. No plant can have its best development if its strength is used to penetrate a hard soil to obtain sustenance.

Rake carefully, removing all rocks and other matter, reduce all lumps of dirt and smooth until the soil is in a finely divided soft pliable condition when it is ready for seeding.

Starting Early Plants

Having specific plans for the garden, preparations may be made for an early start. As above stated, early plants may be obtained by the use of the seed flat or the hotbed. The seed flat is generally recommended for the home garden.

A very satisfactory seed flat may be made by sawing off about 4 inches of the bottom portion of a box of a convenient size to handle easily. Fill this box with fine sifted soil and to which it is well to add some fertilizer and press down firmly but not too solidly. By means of a ruler or other similar article make little furrows in the soil about 2 inches apart and not over $\frac{1}{4}$ of an inch deep. The usual rule for planting seed is twice the diameter of the seed. Spread the seed thinly and cover after which give a light watering. It is suggested that the soil be covered with newspaper until the seed has sprouted and the plants begin to show above the ground. The best location for a seed flat is in the window where the sun can strike it part of the day. It is a good plan to turn the seed flat from day to day so that the sun can strike it evenly. Water occasionally and do not forget this important part.

When the plants have attained sufficient height transplant to another seed flat setting the plants about 3 inches from each other each way. As the plants develop place the flat in a sheltered place in the open, on warm, sunshiny days, to harden them off, and when the danger of frost is past, transplant to the position originally planned in the outdoor garden.

Transplanting

Transplanting is best done in cloudy weather during the late afternoon. The seedlings should be carefully lifted by means of a transplanting trowel and placed in the garden which has been previously prepared by a good cultivation of the soil. The seedling should be placed well into the ground with roots straight down so that when the soil is firmed with the hand a little will go over the top of the soil clinging to the roots. After transplanting give a light watering. Once transplanted do not cultivate until the plants have established themselves and started to grow.

Cultivating

Never cultivate when the plants are wet. Do not forget this. It spreads disease if any is present.

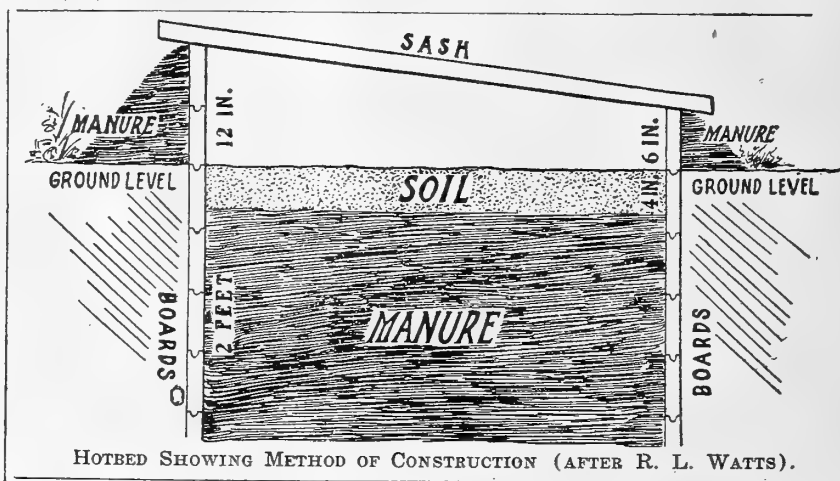
Always cultivate after a rain as soon as the soil is sufficiently dry. It is too wet to cultivate if a lump of it squeezed in the hand does not crumble but shows the finger impressions.

Never cultivate too close to the roots of plants. The roots of a plant cover practically the same area as the tops except in vine crops. The primary reason for cultivating is to loosen the top soil so that moisture is conserved and that air may get to the roots. Elimination of weeds is also accomplished.

Watering

When watering of the garden is necessary due to dry spells, remember that it must be a thorough job or it is injurious. When watering, soak the garden and do not water more than once a week. A light watering will not penetrate the soil to the roots but will only wet the surface, and the roots seeking water tend to develop towards the surface where they may be easily injured by the effects of the sun.

Constructing The Hotbed



The hotbed consists of a pit filled with manure covered with a sifted soil over which is placed hotbed sash to protect seedlings from the cold winds and allow the sun to warm and develop them. Hotbed sash of a standard size, 3 feet by 6 feet, and hotbeds may be made in multiples of this as needed. The side walls should be made of board, the back being about 1 foot high and the front about 6 inches high. The pit should be about 2 feet deep, and it is recommended that the inside of the pit be lined with boards, as this tends to retain the heat of the manure for a longer period of time.

It is best to obtain fresh stable manure for the hotbed, to pile, allow to stand a few days and repile, reheating until the whole is thoroughly and evenly heated. The bed should then be filled with this manure, pressed down firmly and covered with about 4 inches of a finely sifted top soil. It is best to allow to stand for several days after preparation in order for the temperature to subside. The best way to test this is to place a thermometer about 3 inches below the surface of the soil, and when the temperature registers about 65 degrees Fahrenheit, the bed is ready.

Seed may be planted in the same way as described in the use of the seed flat. Watering should be done in the morning. Care should be taken that the seed bed does not overheat by the sun shining full on the glass. Ventilating may be accomplished by raising the sash slightly during the hot part of the day. On cold nights the frame should be given some sort of protection by using a hotbed mat or by the use of straw.

As the plants develop they may be hardened by removing the sash during the day until they are ready to transplant, when they may be moved to a cold frame. The cold frame is made in exactly the same way as the hotbed without the manure pit, where the plants may be developed until ready for transplanting to the outdoor garden. It is possible by thinning the seedlings to use the hotbed as a cold frame without transplanting.

Bolgiano's "Big Krop" Vegetable Seeds for 1927

All Prices Subject to Change Without Notice

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Pounds of All Vegetable Seeds

Asparagus Seed

ASPERGE—Esparrago
Espargel

1. **Palmetto.** Is very early, large yielding, and very regular and even in growth. Average bunches contain 15 shoots, measuring 13½ inches in circumference; weighs 2 pounds. It is equally well adapted for all sections. Its quality is unequalled.

2. **Conover Colossal.** An extensively used green variety, shoots bright green, slightly tinged with purple at top, very tender and delicious.

440. **Washington Asparagus.** Developed by U. S. Dept. of Agriculture. Rust resistant, vigorous grower, large tender shoots, excellent quality.

583. **Giant Argenteuil.** A variety adapted to all climates and soils. Produces white stalks tinged with greenish purple at the top, of mammoth size and often weigh one-quarter pound each. Very tender and delicious.

604. **Mary Washington.** Latest development of the Washington Types, rust resistant with exceptionally large shoots of fine flavor.

ASPARAGUS SEED	Pkt.	Oz.	¼ Lb.	Lb.
Palmetto .....	.10	.15	.25	.90
Conovers Colossal .....	.10	.15	.25	.90
Giant Argenteuil .....	.10	.15	.25	.90
Washington Rustproof ..	.10	.20	.45	1.50
Mary Washington Rustproof	.10	.25	.75	2.50

Asparagus Roots

Plant either in Spring or Fall

Directions. Select a good sandy loam, plow the ground as deep as possible, dig out 12 inches deep, put in a layer of 4 inches of good, strong stable manure, and press down; then fill in with good, rich, black loam to the top of the bed. After leveling off even, stretch a line the length of bed 9 inches from the edge, and with a spade cut a furrow 8 inches deep, set a row of plants along the trench 15 inches apart, with the crowns of the roots 2 inches below the surface, then cover up, make even and plant other rows 30 inches apart.

ASPARAGUS ROOTS	100 Postpaid	1000 Not Postpaid
Palmetto	\$2.00	\$ 9.00
Washington Rustproof	2.75	13.00
Mary Washington Rustproof	3.25	15.00
Large Fine Healthy Roots. Special prices for larger lots.		

Green Podded Bush Beans

Haricots—Habichuela—Bohnen

Seed Beans Weight by Parcel Post Including Packing: Pint, 2 lbs
Qts., 3 lbs. 4 Qts., 9 lbs. Pk., 17 lbs. 1 lb. to 100 feet of
drill, 60 lbs. to the acre

Culture. Beans are somewhat tender, but it often pays to take some risk. Plant in warm, loamy soil at the beginning of settled, warm weather in Spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the beans planted not more than 1 inch deep and several inches apart in the drills, or 3 or 4 beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans, gather the pods clean as fit for use. The plants will remain all the longer in bearing.

1134. **Bolgiano's Home Sweet Home Bean.** The most tender of any large varieties. Pods six to seven inches long, almost flat, slightly curved, excellent flavor, and is a heavy yielder.

1008. **Giant Stringless Valentine.** This is a great improvement on the old-time popular favorite Valentine Bean. The pods are fully one-third longer, averaging 5 to 6 inches in length; absolutely stringless, very crisp, round, full and fleshy. It is enormously productive, its handsome pods being ready for market a few days later than old Valentine. We confidently recommend it either for the home garden or as a profitable variety to grow for market.

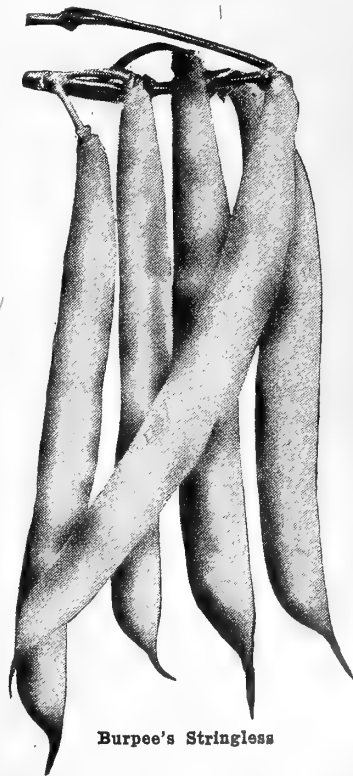
1009. **(Burpee's) Stringless Green Pod Beans.** Crisp, tender, luscious flavor. Handsome light green. Pods are full, fleshy and produced in great abundance, remaining green on vines in an edible condition longer than any other bean known.

1003. **Extra Early Refugee Round Green Pod.** Has pods of a beautiful, attractive, light green color, round, tender and of a luscious flavor.

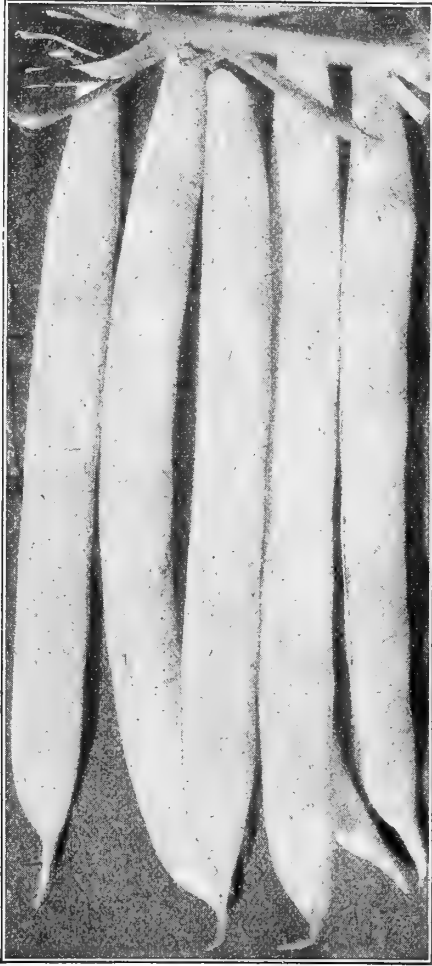
1013. **Black Valentine Beans.** Very popular because of its earliness and being unusually hardy. It can be planted very early and marketed at extra high price. Pods grow round and straight about six inches long, of medium green color, have excellent flavor and are very tender when young: a good shipper.

1004. **Late Refugee or 1,000 to 1.** Exceedingly productive; for medium and late use. The young pods are tender and of fine flavor; the color is a silver green. Pods are round and slim.

1002. **Emerald Beauty Bean.** The Emerald Beauty Bean is a flat, green podded Bush Bean, a prolific and continuous bearer. The plant is of remarkably handsome and thrifty growth. The rich, green pods are of immense size, thick, broad, extra long, uniform shape, solid, meaty and splendid shipping quality. Market that will accept a flat podded bean will soon appreciate the surpassing qualities of the Emerald Beauty.



Burpee's Stringless



Sure Crop Wax Beans

1079. Hodson Wax Beans. A very sturdy grower, prolific; free from rust and blight. Vigorous plants are loaded with long, handsome, straight pods, averaging 7 inches in length; color of a clean, light yellow. When picked young they are stringless.

1021. Round Podded Kidney Wax Bean. (Brittle Wax.) This handsome wax-podded bean is an improved Wardwell's Kidney Wax, besides having that popular variety's luxuriant growth, it is entirely stringless. The pods are long, straight and extremely handsome. It is an exceedingly heavy bearer, and is fully as early in maturing as the Wardwell's Kidney Wax, and is of excellent quality.

1019. Currie's Rust-Proof Wax Beans. Is the earliest to mature of either the Green or Wax Beans. Its beautiful, pure golden, long flat pods of extra fine quality, are borne in abundance and attract the admiration of both the planter and the consumer. Entirely free from rust and blight. Very profitable for the early trucker.

1022. Davis Kidney Wax. The King of Flat Wax Beans. A beautiful form, handsome long pods, attractive color, luscious flavor, prolific yielder, rust-proof, excellent shipper, making this Grand Bean a perfect success.

1020. Wardwell's Kidney Wax. Early, long, flat, pure wax pods. It is hardy, both pods and plants are robust and healthy and it is a heavy yielder. It is a remarkable shipper.

1292. Sure Crop Stringless Wax Beans. Vines are tall, rather bushy, loaded with delicious, rich yellow beans six to seven inches long. Stringless at all stages of growth. The kind that sells when other varieties will not.

1026. Golden Wax Improved. Early, vigorous and a bountiful yielder of beautiful tender pods. The vine grows 1½ feet high, holding the pods well off the ground. The pods are shapely, flat and large.

Green Podded Bush Beans—Cont'd

1001. Bolgiano's Early May Queen Beans. The most prolific early bean in cultivation. Produces long, round, straight, dark green pods over six inches long and very tender. A high price because of its earliness. Growers report yields of 350 to 400 bushels to the bushel seed seeded per acre. This variety should not be overlooked by the market gardener who plans to receive high prices for early crops.

1007. Bolgiano's Earliest Red Valentine Beans. Hopkins Strain: Matures one week earlier than other early green pod varieties. Produces a very meaty round rather dark green pod about four and one-half inches long, and curved. A good yielder that commands the earliest high prices.

1010. Dwarf Horticultural or Cherry Bean. A crop of these beans has never failed to pay. This is a broad, long, flat, meaty bean, very productive, delicious flavor. It also makes a good dried bean for Winter.

1011. Bountiful Beans. An extremely early prolific bean. The pods are long, flat, tender and stringless. A splendid variety for the garden or for shipping.

1300. Tennessee Green Pod. Prolific, but a tender variety. Foliage dark green, leaves large and crumpled, somewhat earlier than Hodson Green Pod. Pods 5 to 5½ inches long, flat, irregular in shape, light green and of good quality.

1301. Full Measure. A very fine round podded stringless variety. Pods are long, solid and meaty, borne in great quantities on the heavy light green foliage. A very desirable bean for a late crop.

Wax Pod Bush Beans

We supply Pkts. of all Beans at 10c each, postpaid.

1288. Bolgiano's Best Yet Stringless Wax Beans. Beautiful, lemon-yellow wax pods, without rust or blight. Absolutely stringless. A wonderful yielder.

1031. Pearl Wax Beans. A distinct, enormously prolific growing Bush Wax Bean. Every grower should try it. It will soon become a popular and lucrative variety to grow. Will not rust in the wettest kind of weather.

1183. Trucker's Reward, Bolgiano's Flat Wax Bean. One of the most valuable and important Bean introductions in many years. Unequaled as an enormous beautiful crop producer and money maker.

We pay postage on 1 and 2 lbs. Larger quantities Postage extra. 5 lbs. sold at 15-lb. rate; 30 lbs or over at 100-lb. rate. F. O. B. Baltimore.

GREEN PODDED BUSH BEANS (Pt.) (Qt.) (Pk.)

	Pkt.	1 Lb.	2 Lb.	15 Lb.	100 Lb.
Home Sweet Home.....	.10	.45	.85	\$3.30	\$20.00
Giant Stringless .....	.10	.45	.85	3.30	20.00
Burpee's Stringless .....	.10	.45	.85	3.30	20.00
Refugee Round Green Pod ..	.10	.40	.75	3.30	20.00
Black Valentine .....	.10	.40	.75	2.75	16.00
Late Refugee or 1000 to 1 ..	.10	.40	.75	3.30	20.00
Emerald Beauty .....	.10	.45	.85	3.30	20.00
Early May Queen.....	.10	.35	.65	3.00	17.00
Ex. Ea. Red Valentine... ..	.10	.40	.75	3.00	18.00
Dwarf Horticultural ....	.10	.45	.85	3.30	20.00
Bountiful .....	.10	.45	.85	3.30	20.00
Tennessee Green Pod... ..	.10	.40	.75	3.30	20.00
Full Measure .....	.10	.40	.75	3.30	20.00
White Navy or Pea.....	.10	.20	.35	1.80	10.00

WAX POD BUSH BEANS

Best Yet Stringless.....	.10	.45	.85	3.30	20.00
Pearl Wax .....	.10	.45	.85	3.30	20.00
Truckers Reward .....	.10	.45	.85	3.30	20.00
Hodson Wax .....	.10	.40	.75	3.30	20.00
Round Podded Kidney Wax .....	.10	.55	1.00	4.50	25.00
Currie's Rust-Proof ....	.10	.40	.75	3.30	20.00
Davis Kidney Wax.....	.10	.45	.85	3.30	20.00
Wardwell's Kidney Wax... ..	.10	.45	.85	3.30	20.00
Sure Crop Stringless....	.10	.40	.75	3.30	20.00
Golden Wax Improved... ..	.10	.40	.75	3.30	20.00

We pay postage on one and two pounds only of Beans. Larger quantities customers pay transportation.

2 Lbs. to 150 Hills,
20 to 24 Lbs. to
the Acre

Pole Lima Beans

We Supply Packets of Beans at 10c each, postpaid

Parcel Post Rates,
see Page 1

1032. Giant Emerald Isle. Bolgiano's Pole Lima Bean. This wonderful Bean is the largest podded and the heaviest cropper of all Limas. It grows green, dries green, stays green.

1040. Early Leviathan Pole Lima Bean. This sort is at least one week earlier than any large Pole Lima yet offered. Earliness is often obtained at a sacrifice of other features, but in this variety we claim superiority, not only in this respect, but in size of bean pod and enormous productiveness.

1041. Improved Pole or Challenger Lima. Outyield any Lima Bean ever offered. Each pod contains from 2 to 6 delicious Beans, so compactly placed that they make indentations in each other. Pods are produced on the vines in great clusters. The yield is continuous and abundant.

1223. Ideal Pole Lima. (Henderson's) Very early, wonderfully productive.

1042. Seibert's Early Lima. Pods long, easily opened. The green Beans large, handsome, delicious.

1043. Jersey Extra Early Lima. Is 10 days to 2 weeks earlier than any other Pole Lima, except the Leviathan. Beans exceptionally tender and delicious.

1044. Carolina or Sieva Beans. (The Butter Bean of the South.) Very early, productive. Its deep root system makes it a great drought resister and an excellent bean for sandy soils. The beans are smaller than the regular Limas but are juicy and buttery. Make fine shell beans.

1316. Florida Butter. A sure bearing Butter Bean. Does fine on poor land and makes an abundant crop under adverse weather conditions. Begins bearing early and continuous late in the season. Dried bean is white blotched brownish purple.

1046. Ford's Mammoth Extra Large Lima. Pods are large in size, unsurpassed in quality and productiveness.

1047. King of Garden Lima Beans. Outrivals all other Pole Limas. Its vine has a luxurious growth, which abounds with enormous pods, often five to eight inches long and filled with five or six perfect Beans to a pod.

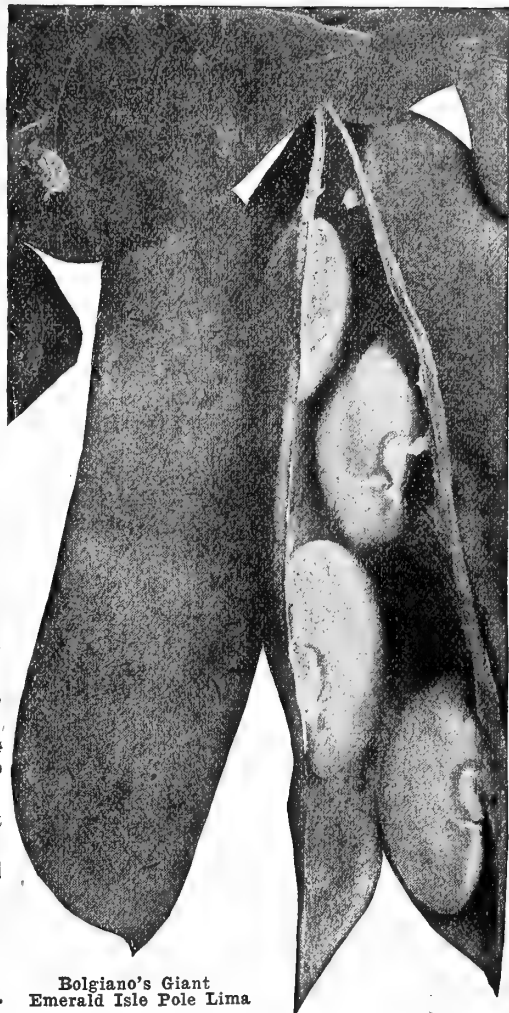
1224. Carpenteria Pole Limas. One of the longest podded and heaviest croppers of all Limas.

1045. Extra Large Limas. Large white Bean; very tender, equally good in Winter if soaked 10 hours before cooking.

2 Lbs. to 150 Hills,
20 to 24 Lbs. to
the Acre

Bush Lima Beans

We pay postage on 1 and 2 lbs.; larger quantities postage extra; 5 lbs. sold at 15-lb. rate; 30 lbs. and over at 100-lb. rate, F. O. B. Baltimore.



Bolgiano's Giant
Emerald Isle Pole Lima

(Pt.) (Qt.) (Pk.)

POLE LIMA BEANS	Pkt.	1 Lb.	2 Lb.	15 Lb.	100 Lb.
Giant Emerald Isle...	.10	.50	.90	\$4.00	\$25.00
Ea. Leviathan .....	.10	.45	.85	3.65	22.00
Imp. Pole or Challenger ..	.10	.45	.85	3.65	22.00
Ideal .....	.10	.45	.85	3.65	22.00
Seibert's Early .....	.10	.45	.85	3.30	20.00
Ex. Ea. Jersey .....	.10	.45	.85	3.30	20.00
Carolina or Sieva .....	.10	.40	.75	3.15	18.00
Florida Butter .....	.10	.45	.75	3.30	20.00
Ford's Mammoth .....	.10	.45	.85	3.15	18.00
King of the Garden .....	.10	.45	.85	3.15	18.00
Carpenteria .....	.10	.45	.85	3.65	22.00
Extra Large .....	.10	.45	.85	3.30	20.00

BUSH LIMA BEANS

Burpee's Improved ..	.10	.45	.85	4.00	24.00
Wood's Prolific .....	.10	.40	.75	3.15	17.00
Bolgiano's Enormous ..	.10	.50	.90	4.00	25.00
Fordhook .....	.10	.40	.75	3.15	22.00
Burpee's Large Bush ..	.10	.45	.85	3.65	22.00
Dreer's Bush .....	.10	.45	.85	3.65	22.00
Henderson's Bush ..	.10	.40	.75	3.15	17.00
Jackson Wonder .....	.10	.40	.75	3.30	20.00

POLE OR RUNNING BEANS

Lazy Wife .....	.10	.40	.75	3.15	19.00
White Creaseback ..	.10	.40	.75	3.15	17.00
Nancy Davis .....	.10	.40	.75	3.15	19.00
McCaslan Pole .....	.10	.45	.85	3.30	20.00
Horticultural .....	.10	.40	.75	3.15	18.00
Kentucky Wonder ..	.10	.40	.75	3.15	17.00
Kentucky Wonder Wax	.10	.45	.85	3.30	20.00

Culture. Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in Spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes or some good fertilizer or some good compost around the plants will be of much benefit in hastening maturity and increasing the yield.

1058. Improved Bush Lima. (Burpee's.) Pods and Beans are extremely large. Plant grows more erect than Burpee's Bush Lima and is more productive.

1034. Prolific Bush Lima. (Wood's.) Earlier than the Burpee's Bush, smaller in size of Bean. Making a larger growth than others; stems are loaded with Beans in great clusters.

1035. Bolgiano's Enormous Early Bush Lima Beans. This wonderful new Lima is the earliest, largest and best of all Bush Lima Beans.

1119. Fordhook Bush Lima. Both pods and Beans are twice the size of Dreer Bush Lima.

1039. Large Bush Lima. (Burpee's.) Is an immense yielder, each bush bearing from 50 to 200 of the handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas.

1037. Dreer's Bush Lima Beans. This Bush Bean produces pods in great abundance, 185 having been counted on a single plant. The Beans grow close together, sometimes five in a pod and very thick, sweet and succulent.

1037. Henderson's Bush or Baby Lima. Yield in abundance. Pods about 3 inches long, well filled with rather small beans of fine flavor. A popular variety for canners.

1312. Jackson Wonder Bush Lima. Matures in 70 days. This bean originated in Georgia and is well adapted to all parts of the South. The driest weather does not affect its growth. Extremely prolific and of rich and delicious flavor, begins bearing early and continues until frost. Makes a good shell bean for winter and fine for summer.

2 Lbs. to 150
Hills**Pole or Running Beans**20 to 24 Lbs. to
the Acre

1027. **Lazy Wife or White Pole Cherry Beans.** Pods 5 to 6 inches long and produced in great abundance; broad, thick, fleshy, entirely stringless. Retain their rich tender stringless quality until nearly ripe. Make excellent Shell Beans.

1028. **White Creaseback.** Large round fleshy pods borne in clusters. Very early. Seed pure white when mature. Makes fine shell beans for winter. A good cornfield bean.

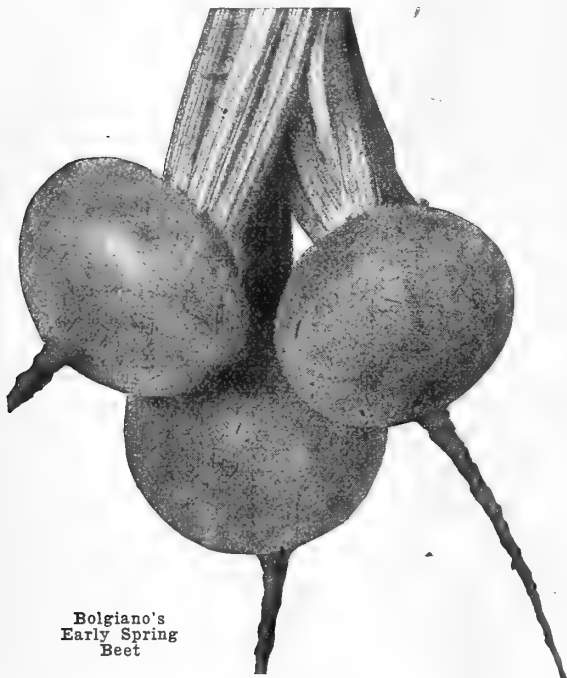
1313. **Nancy Davis or Striped Creaseback.** A vigorous productive that bears abundantly in clusters. Pods are long and fleshy and so round as to make them creasebacked. Very good quality and especially suitable for planting in corn.

1314. **McCaslan Pole.** A white seeded rapid growing bean especially well adapted for the South. Heavy yielding, drought-resisting and of good quality both as a snap bean and for shelling for winter use.

1220. **Horticultural Pole, Cranberry or Wren's Egg.** A popular Pole Cherry Bean for snaps or Shell Beans, especially adapted for short seasons and cool locations. Pods 4 to 5 inches long, ½ inch broad, thick and fleshy.

1030. **Old Homestead or Kentucky Wonder.** A favorite with the most critical trade, and private gardeners. Produces clusters of round, tender, stringless, dark green pods, 8 or more inches long. Very tasteful.

1315. **Kentucky Wonder Wax.** Similar in habit of growth to "Old Homestead," and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width.



Bolgiano's
Early Spring
Beet

BeetBETTERAVE
Remolacha
Salatrube

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. Fibrous loam, well drained and well enriched, will raise good Beet crop. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape, or seed may be sown under glass 4 weeks sooner and the young seedlings transplanted to open ground, to give an extra early crop.

Give thorough and clean cultivation, and thin the plants to stand 2 inches apart in the row.

For succession, sow at intervals to middle of July. For earliest sowings, a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

377. **Bolgiano's Early Spring Beet.** First Beet in market. Most perfect shape and color. Earlier maturing than Crosby's Egyptian and of much finer grain. Has very small tap root and small top. All coming into maturity at same time. Well adapted for forcing.

295. **"Bonfire," Bolgiano's Early Beet.** A splendid variety, especially adapted for market gardeners; being suited for forcing under glass and for open ground culture. For home garden this Beet will be found desirable, as it retains its freshness and high quality without becoming tough.

18. **Bolgiano's Deep Blood Beauty Beet.** Very attractive globe shape, medium size, smooth skin, very tender.

12. **American Beauty Beet.** The skin and flesh of American Beauty Beet are both a deep rich crimson color. It matures just after the Eclipse, has a most beautiful form, being a little deeper than round, medium in size, generally about three inches in diameter, has a remarkable surface and a small tap root.

3. **Early Ox-blood.** Early as Crosbys, almost globe shape, smooth and free from side roots. Flesh fine grained, sweet and ox-blood color from tap root to top of its short graceful leaves.

4. **Extra Early Eclipse.** Remarkable for its very rapid growth, the perfection of its form—which is globular—of its beautiful crimson flesh, and for its dwarf foliage. Roots are bright glossy red.

5. **Crosby's Improved Extra Early Egyptian Beet.** An improvement of Extra Early Egyptian, being as early, but of more desirable shape, color and quality. It is very sweet and tender; a most valuable sort for early market, as it is ready before any other Beet of equal quality.

6. **Crimson Globe Beet.** This is one of the best Bunching Beets yet introduced. A handsome variety of medium size, almost globe shape, and entirely free from rootlets; a grand second early or main crop sort. Very handsome in shape. The foliage is small and of a rich bronze purple. Flesh is a rich blood red, slightly zoned or ringed. Never stringy.

7. **Detroit Dark Red Beet.** A splendid Beet of a dark red color, for home or market. By far the best for canning, on account of its beauty. Small, upright tops and perfectly small roots. Flesh zoned with lighter and darker bands; tender and sweet.

BEEET	Pkt.	Oz.	¼ Lb.	Lb.
Early Spring Beet.....	.10	.15	.50	\$1.75
Early Bonfire .....	.10	.15	.40	1.25
Deep Blood Beauty .....	.10	.15	.30	1.00
American Beauty .....	.10	.15	.30	1.00
Early Ox-Blood .....	.10	.15	.25	.90
Ex. Ea. Eclipse.....	.10	.15	.25	.90
Crosby's Egyptian .....	.10	.15	.30	1.00
Crimson Globe .....	.10	.15	.25	.85
Detroit Dark Red.....	.10	.15	.30	1.00
Dk. Red Flat Egyptian...	.10	.15	.25	.90
Early Blood Turnip.....	.10	.15	.25	.85
Edmond's Blood .....	.10	.15	.25	.85
Early Large Egyptian...	.10	.15	.25	.80
Lentz .....	.10	.15	.25	.85
Nutting's Ea. Gem.....	.10	.15	.25	.85
Half Long Dark Blood...	.10	.15	.25	.85
Long Smooth Blood.....	.10	.15	.25	.85
Lucullus .....	.10	.15	.25	.90
Swiss Chard .....	.10	.15	.25	.90

MANGEL WURZEL	Oz.	¼ Lb.	Lb.
Sludstrup .....	.10	.20	.55
Gate Post .....	.10	.20	.55
Jumbo .....	.10	.20	.55
Mammoth Long Red .....	.10	.20	.55
Imp. Golden Tankard.....	.10	.20	.55
Golden Giant .....	.10	.20	.55
Giant Feeding Half Sugar.....	.10	.20	.55
Klein-Wanzeleben .....	.10	.20	.55
Lane's Improved .....	.10	.20	.55

Beets—Continued

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

11. Extra Early Dark Red Flat Egyptian Beet. The Egyptian Beet is one of the most popular varieties among market gardeners for forcing purposes. It will bear close planting in the valuable space under glass or in a warm garden in early Spring. It is turnip-shaped, and when young is crisp and tender. In color it is dark red. To gardeners having a preference for Egyptian we offer the best strain of seed now on the market.

20. Early Blood Turnip Beet, Improved. It is early, smooth, does not grow overlarge, has few roots. It does not become stringy, matures a medium size, deep crimson Beet of decided uniform type.

21. Edmond's Blood Turnip Beet. A handsome, clean, turnip-shaped blood Beet. Skin and flesh are of deep blood red, sweet and tender in quality and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. They mature early and give every satisfaction as a bunching sort.

10. Early Large Egyptian Beet. A very good variety of the larger sorts. Globe-shape, rather flat across the top, very dark, a quick grower, and good seller.

13. Lentz Extra Early Beet. Color a deep, blood red, tender and sweet at all stages of its growth. Has small top and can be used six weeks from sowing. Very productive, splendid keeper and shipper.

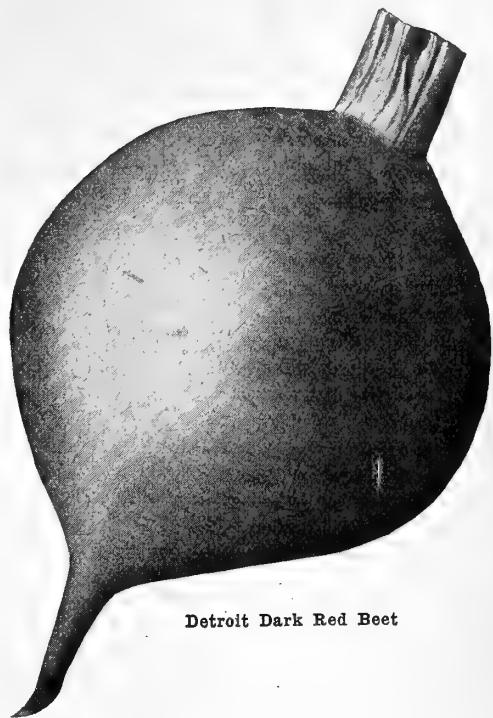
358. Nutting's Early Gem Beet. Extremely early, light colored top, flesh beautifully zoned light red. Very popular as a Florida Shipping Beet.

571. Half Long Dark Blood. This is rapidly becoming a very popular sort and will probably produce more bushels from a given area than any other sort, as it does not occupy so much space in the rows as the turnip-shaped varieties.

15. Long Smooth Blood Beet. An old time favorite in the South. Has long, smooth, blood-red roots, going well down into the soil, enabling it to resist drought and heat. Flesh very tender and sweet.

165. Lucullus. The Swiss Chard or Spinach Beet, but can be served both as Asparagus and as Spinach. Delicious.

341. Swiss Chard or Silver Beet. Grown exclusively for the foliage, which cooked makes most delicious greens.



Detroit Dark Red Beet

Mangel Wurzel

Culture. Sow 5 pounds to the acre in April or June, in rows 3 feet apart, and thin to 6 inches in the row. Cultivate frequently with horse tools and you will have an abundant crop of roots for Winter use.

1217. Bolgiano's Sludstrup. This wonderful Mangel contains the largest percentage of dry matter. Root is smooth, 14 inches long, rich orange color, flesh pure white. About one-half of the root grows above the ground.

1151. Jumbo Mangel. It is a milk producer of the highest quality, and keeps the cattle over Winter in a prime condition. It will outyield any other Mangel two to one. It is easy to grow, producing immense roots, thus yielding a most profitable crop.



Deep Blood Beauty Beet

1152. Gate Post Mangel. Immense size. When fed to cows it produces the richest milk. If you want the best Yellow Mangel you ever grew, buy Bolgiano's Gate Post Mangel.

1153. Giant Mammoth Long Red Mangel. The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Produces an immense bulk and tonnage.

1154. Improved Golden Tankard Mangel. The color is a deep, rich yellow. The flesh is firm and solid. On account of its shape enormous crops are grown, and is easily lifted from the ground.

359. Golden Giant Intermediate. Root intermediate between the long and the globe-shaped. Flesh white, firm, and sweet, much liked by cattle.

1155. Giant Feeding Sugar Beet or Half Sugar Mangel. This Sugar Beet, while giving nearly as large a yield as a crop of Mangels, supplies a food of very much higher nutritive value. For feeding purposes it is more valuable than those of the very best strains of Sugar Beet, and the yield under equally favorable conditions is more than double. The roots grow partly out of the ground, the crop can be harvested at less expense. Every farmer should try it.

1204. Klein-Wanzeleben Bener Elite. It may be distinguished by its brighter color and its lighter colored leaves, which are beautifully undulating, and scalloped around the edges; while not as a rule equal to the Vilmorin in saccharine richness, it is considerably more productive.

360. Lane's Improved Sugar. An American variety and the best stock-feeding Beet known. It is not so sweet as the French Sugar Beets grown especially for sugar making, but the roots are longer and finer grained; very sweet.

Bolgiano's Frost-Proof Cabbage Plants

**Will Mature Heads Two To Three Weeks Earlier
Than Your Home Grown Plants and
Double Your Profits**

**TO GET THE ADVANTAGE OF THESE FROST-PROOF
CABBAGE PLANTS THEY MUST BE PLANTED A MONTH
OR SIX WEEKS EARLIER THAN YOU WOULD PLANT
HOME-GROWN PLANTS.**

WE FILL ORDERS FROM DECEMBER 1st TO MAY 1st.

There are a number of islands along the Sea Coast of South Carolina, where the soil and climatic conditions are just suited for growing tough, hardy cabbage plants during the Winter and early Spring. The plants make a slow but steady growth, until at eight to ten weeks of age they are very tough and hardy, the buds are

purple and the outer leaves a reddish brown. When in this condition they can be shipped to territory farther north and be planted in the open ground a month to six weeks earlier than the home-grown hot bed or cold frame plants. The FROST PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero without injury. The land freezing, or the plants being covered with ice, sleet or snow after they are planted will not injure them. The roots grow from time they are planted, and just as soon as Spring weather starts, the established root growth assimilates the fertilizer in the soil, the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hot bed and cold frame plants.

The plants when received will be somewhat wilted and have a hard stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce the crop results.

VARIETIES: EARLY JERSEY WAKEFIELD, CHARLESTON LARGE TYPE WAKEFIELD, SUCCESSION, EARLY FLAT DUTCH and COPENHAGEN MARKET.

Prices by Parcel Post, Postage Paid. In lots of 100, 200, 300 or 400 plants at 50c per 100 plants; 500 plants for \$1.60; 1000 or more at \$3.00 per 1000 plants.

Orders are filled by the 100, not 250 or 350. These prices are for even quantities of one variety to package; if you order 200 of one variety and 300 of another variety you would pay at the 100 rate.

PRICES BY EXPRESS, buyer paying express charges. In lots of 1000 to 3000 plants at \$2.00 per 1000; 5000 or more at \$1.50 per 1000. Plants packed for express shipment, 1000 or 2000 plants of a variety to package, they weigh about 25 pounds per thousand plants, packed for shipment.

Order Early to prevent delay. We ship direct from growing Station. Plants cannot be pulled when beds are wet. Send your order two or three weeks before you expect to set the plants so you will get them in time.

Onion Plants

Onion Plants are replacing Onion Sets in the South to a great extent where they have proven more satisfactory than Sets. They grow better shaped onions and do not run to seed. They produce earlier and better crops.

Varieties: White or Yellow Bermudas and Prizetaker.

Prices same as Cabbage Plants printed above.

Must be ordered in even hundreds.

All orders for plants shipped direct from our growing station separate from seed orders.

CHOU POMME
KOPFHOHL, KRAUT

Cabbage Seed

CAVOLO CAFFECCIO
COL REPELLO

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs. of All Cabbage Seed

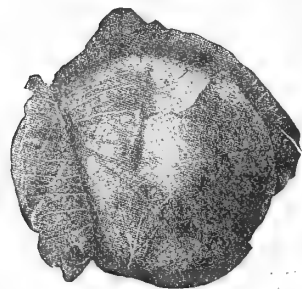
Culture. Early Cabbage requires a rich, warm, loam soil, well drained; and the soil for the late Cabbage should be heavier and more retentive of moisture and not so rich as for early crops, as the heads are liable to burst.

To have Cabbage real early, sow seed in hotbed in February, or still better, Winter over the crops in a cold frame. For this purpose the seed is sown from the tenth to the twentieth of September: From four or five weeks from the time of sowing they will be fit to transplant into the cold frames. It is very important that the plants be set down to the first leaves so that the stem is all under the ground, otherwise the stem would split by the action of the frost.

These early Cabbage plants are set out in March or April, in rows three feet apart and 18 inches between the plants. The early crop matures in June. For second early crop, sow seed first week in April and plant out in May. The crop matures in July and August. Late Cabbage for Fall and Winter use, sow seed in May to June. The plants are set in July, a distance of three feet between the rows and two feet between the plants. This crop matures in October. Cabbage should not be planted two years in succession in the same spot of the garden. One ounce of seed will produce 3000 plants.

Extra Early Varieties

30. Early Jersey Wakefield Cabbage. Special Selected Stock a variety that is very popular with the early shippers. Produces a medium size compact head, well pointed, and very attractive in appearance. This variety is planted in large quantities for the early market.



Early Flat Dutch Cabbage



Early Jersey Wakefield



Bolgiano's Early Jersey Wakefield Cabbage

Extra Early Cabbage—Cont'd

25. Big Winner Wakefield. It has the same general characteristics of other Wakefield Cabbages, the heads being conical with a rounded or blunt point. It is, however, far superior to other strains of Wakefield Cabbage, being nearly double the size and better quality, and at the same time is fully as early. It has few outer leaves, permitting close planting, so that more heads can be grown to the acre than with other sorts.

26. New Leader. As early as the Wakefield, yields 12,000 heads, one-third more per acre than any other extra early Cabbage. The outer leaves are so few and so small that they can be planted very close. The heads are compact and solid from the time a head is formed and keeps so until thoroughly matured, thus enabling extremely early cutting of small, hard heads, or later when the Wakefield comes in, of large, thoroughly matured, solid, round, flat heads.

27. Extra Early Express. Ten days earlier than Jersey Wakefield. Heads rather small, but very solid and sharp pointed.

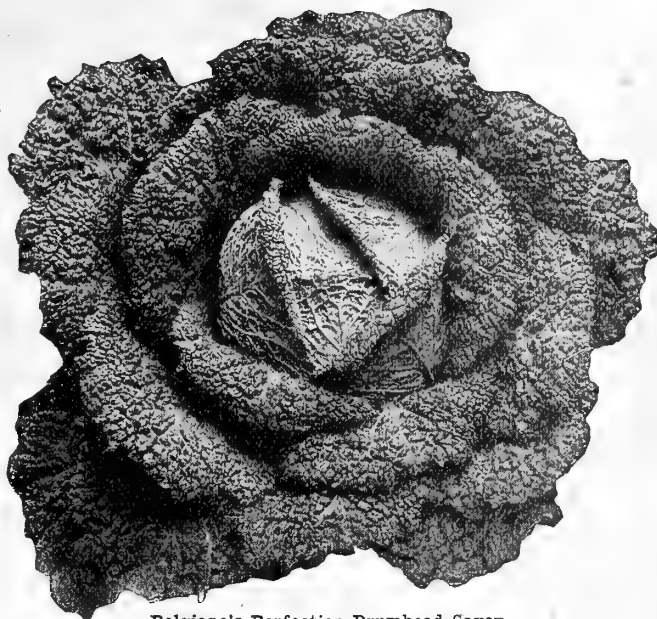
28. Extra Early Jersey Wakefield. An Improved early strain of Jersey Wakefield, slightly smaller and one week earlier.

266. Copenhagen Market, Early Danish Cabbage. As early as Charleston Wakefield. This new Cabbage is very heavy and solid, makes a fine large, globe-shaped head with well-developed outside leaves.

32. The Charleston or Large Wakefield Cabbage. A favorite large pointed type, matures a week or ten days later than Jersey Wakefield but is much larger. This variety is grown extensively to follow the Jersey Wakefield, and to precede the flat varieties.

595. Stein's Early Flat Dutch. Unexcelled for early spring planting, producing medium-sized heads that are unbeatable for home use or shipping purposes. No garden is complete without some of this splendid strain.

33. Early Large York. This is a very valuable, early variety and follows the Express and Jersey Wakefield in heading. The heads are round, heart-shaped and firm. Its dwarf growth will permit them being planted closely together.



Bolgiano's Perfection Drumhead Savoy

34. Early Winnigstadt—The Prussian Prize Stock. The popularity of Winnigstadt Cabbage in all sections of the world is proverbial, but there is a great difference in the quality of the stocks. Some will produce heads of twice the size of others; the finest is grown in Northern Prussia. It is from this section that our famous stock was introduced a few years ago. It has become very popular with our market gardeners.

Second Early Varieties

154. Bolgiano's Early Square Deal Cabbage. The heads are solid and compact with very few outer leaves. A fine, solid, tender, uniform, early, flat Cabbage. The demand for a Cabbage of this character led us, by the most rigid and careful selection during the past five years, to mature this Cabbage, which we are confident will give all our friends and customers a "Square Deal" every time.

35. Bolgiano's New Early Cabbage. It forms solid, compact, round, flat heads, the leaves growing close to the head, thus allowing more Cabbage to be grown to the acre than any other sort. Its earliness (a week before other early, flat varieties) is one of its best marketable features.

38. Early Summer Cabbage. In size, form, solidity and earliness this is truly a model Cabbage. It heads just after our Jersey Wakefield.

36. Florida Header Cabbage. In color, shape and size the heads are most uniform.

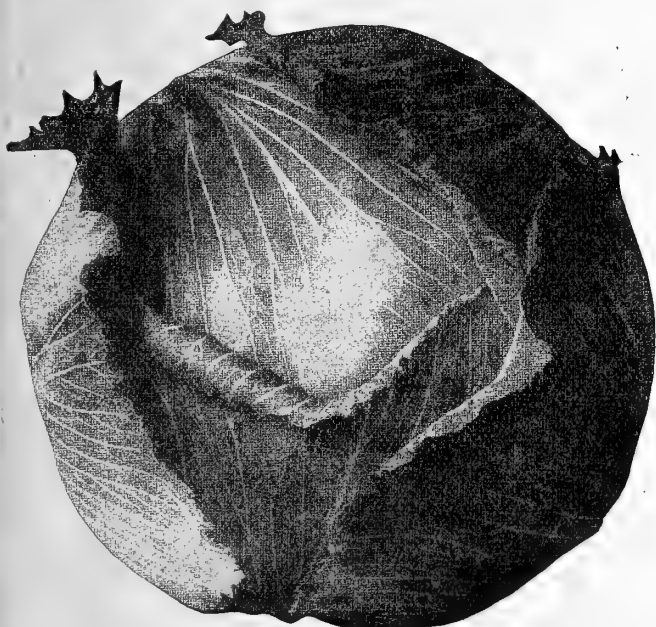
37. All Head Early Cabbage. For uniformity, reliability of heading, size, earliness and quality it is very superior. Its heads grow compact and free from spreading leaves.

148. Fottler's Brunswick Cabbage. In this vicinity the Brunswick is considered second to none by the market gardeners. Plants are very short stemmed.

40. Early, Short Stem, Drumhead Cabbage. It is ready for marketing 2 or 3 weeks earlier than the late Drumhead, forms large, solid, rounded heads.

41. Early Succession Cabbage. A wonderful Cabbage for solidity, productiveness and fine, large heads.

42. Sure Head Cabbage. (Pedigree Stock.) True American grown. Produces large, round, flattened heads that are all head.



Stein's Early Flat Dutch



Bolgiano's Extra Large, Late, Flat Dutch; Market Gardener's Choicest Stock

53. Bolgiano's Perfection Drumhead Savoy Cabbage. Surpasses all varieties of Savoy Cabbage for uniformity of heads, beauty of curl and superior keeping qualities.

49. Mammoth Red Dutch. Is the largest Red Cabbage, and heads very solid and is deep red in color to the very center.

374. All Seasons. An "all-season" variety, equally good for Fall and Winter as for Summer use. The heads are large, solid, round, flattened on top and of the best quality.

373. Enkhuizen Glory. A valuable, second early variety. Produces fine, marketable heads and is a splendid sort for the private garden and market gardener. The heads are very solid with but few outer leaves and of such compact growth to permit close planting. The quality is excellent.

Late or Winter Cabbage

43. Bolgiano's Extra Large, Late, Flat Dutch; Market Gardener's Choicest Stock. Can be planted later than the old-time varieties and matures more quickly into a handsome, extra large, solid, uniform Cabbage of perfect keeping qualities.

46. Premium Flat Dutch. It has long been the favorite sort for cole-slaw and sauerkraut. It matures just before severe frost and keeps perfectly over Winter.

47. Large, Late, Drumhead Cabbage. This splendid Cabbage produce enormous heads. Its good keeping quality makes it as first-class sort to carry over Winter.

48. Danish Ball Head Cabbage. This is the most excellent Cabbage, is very solid and outweighs any other Cabbage of equal size. The head is round with flattened top.

50. Louisville Drumhead. (Best of all Drumhead Cabbage.) There is no Cabbage of the Drumhead type which can be compared with this beautiful representative in shape, color, firmness and excellent table qualities. Drought has little effect upon it on account of the low habit of growth.

96. Bolgiano's Ringleader Large, Late, Flat Dutch Cabbage. Will always produce heads of enormous size and of the very finest quality.

372. Pe-Tsai Chinese or Celery Cabbage. Improved Chinese Cabbage. This vegetable is new to the public although old to the Horticulturists. Plant in July. Sow in drills 16 to 20 inches apart and the seedlings thinned two or three times.

CABBAGE

Extra Early Varieties	Pkt.	Oz.	$\frac{1}{2}$ Lb.	Lb.
Golden Acre .....	.15	\$.75	\$2.75	\$10.00
Ea. Jersey Wakefield.....	.10	.30	.90	3.00
Big Winner .....	.10	.35	1.00	3.50
New Leader .....	.10	.30	.90	3.00
Ex. Ea. Express.....	.10	.30	.90	3.00
Ex. Ea. Jersey Wakefield.....	.10	.30	.90	3.00
Copenhagen .....	.10	.30	1.90	3.00
Charleston .....	.10	.30	.90	3.00
Stein's Ea. Flat Dutch.....	.10	.25	.80	2.75
Ea. Large York.....	.10	.25	.80	2.75
Winnigstade .....	.10	.25	.80	2.75
Second Early Varieties				
Square Deal .....	.10	\$.35	\$1.00	\$3.50
New Early .....	.10	.20	.75	2.50
Early Summer .....	.10	.20	.75	2.50
Florida Header .....	.10	.30	.90	3.00
All Head Early.....	.10	.20	.75	2.50
Fottler's Brunswick .....	.10	.25	.80	2.75
Short Stem Drumhead.....	.10	.25	.80	2.75
Succession .....	.10	.25	.80	2.75
Sure Head .....	.10	.20	.75	2.50
Perfection Drumhead				
Savoy .....	.10	.30	.90	3.00
Mammoth Red Dutch.....	.10	.30	.90	3.00
All Seasons .....	.10	.25	.75	2.50
Enkhuizen Glory .....	.10	.20	.75	2.50
Late or Winter Varieties				
Ex. Large Late Flat Dutch.....	.10	\$.30	\$.90	\$3.00
Premium Flat Dutch.....	.10	.25	.80	2.75
Large Late Drumhead.....	.10	.25	.80	2.75
Danish Ball Head.....	.10	.25	.80	2.75
Louisville Drumhead .....	.10	.25	.80	2.75
Ringleader .....	.10	.30	1.00	3.25
Pe-Tsai or Chinese Celery .....	.10	.35	1.00	3.50

CHOU-FLEUR
CAVOLO FLORE**Cauliflower**BLUMEN KOHL
COLIFLOR

Parcel Post Rates, see Page 1

Culture

The soil and culture requirements of Cauliflower and Cabbage are similar. Seed may be sown and handled in the same way as described in the Cabbage culture. It is best to plan your planting to have no Cauliflower maturing in the hot summer months, as the cool weather of late Spring and early Fall is best adapted for the growing of perfect heads.

Bolgiano's New Century Cauliflower

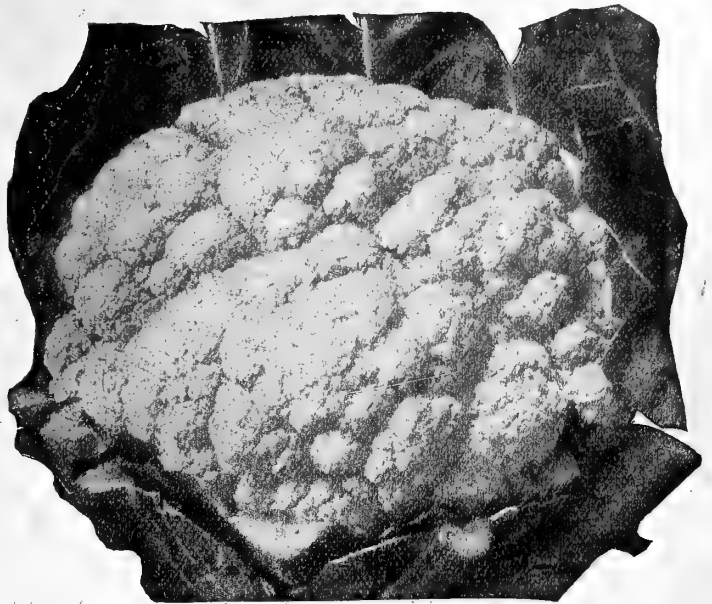
54. The Best in the World

It heads when others fail. Large, perfect heads, measure from 12 to 14 inches in diameter. The beautiful white heads are compact, deep and solid. Heads will outweigh those of any other strain. It is the earliest of all Cauliflower. One-third more can be planted on the same space than can be done with other varieties because of its close growing, compact habit. It is the Most Carefully Grown Cauliflower Seed in the World.

59. **Extra Early Dwarf Erfurt.** Small frame with short outer leaves, medium heads of uniform quality, a good late variety.

105. **Danish Giant or Dry Weather Cauliflower.** Well adapted to localities having dry spells. Produces large solid heads, one week earlier than Snow Ball.

55. **Snow Ball Cauliflower.** Early, very hardy, produces good size snow white heads. Our strain of this variety is unexcelled.



Bolgiano's Earliest Snow Ball Cauliflower

Brussels Sprouts

Culture. Sow in May, in the same manner as Cauliflower, and transplant in July, 2 feet apart in rows 2½ feet apart. Brussels Sprouts is the very best Winter vegetable that can be grown. It is as hardy as the common Curled Greens. When cooked through, such sprouts melt in the mouth like the tenderest Cauliflower, and are equally as good. If more widely known, Brussels Sprouts would be as popular as it is valuable.

22. **BOLGIANO'S MATCHLESS LONG ISLAND IMPROVED BRUSSELS SPROUTS.** Resembles cabbage very closely except that where the cabbage grows only one large head, the Brussels Sprouts grow large numbers of small, delicious, tender, heads at each leaf joint, throughout the entire length of the stalk. These small heads measure from one and a half to two inches in diameter, and are of light green color. This improved strain is an exceptionally heavy yielder. Plant grows from one and a half to two feet high. Brussels Sprouts are usually offered for sale in market packed in quart boxes and always bring a very high price. It is a profitable crop to grow.

355. **PARIS HALF DWARF BRUSSELS SPROUTS.** Being dwarf this variety is not as heavy a yielder as the larger variety, but is equal in quality.

Collards

23. **Georgia Southern, or Creole.** Forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing does not injure but rather improves their quality. Sow thick in drills, in rich ground, transplanting when 4 inches high, or sow in drills where the plants are to remain and thin to 1 or 2 feet apart in the row when of proper size. In the South, sow from January to May, and August to October.

590. **North Carolina Short Stem.** A decided improvement, and has proved very popular wherever grown. Has short stem, large spreading leaves, very hardy, withstanding drought in Summer and cold in Winter. Its flavor and cooking qualities are the very best.

CAULIFLOWER	Pkt.	½ oz.	1 oz.	¼ Lb.	Lb.
New Century .....	.25	\$1.50	\$2.75	\$9.00	\$35.00
Dwarf Erfurt .....	.25	1.25	2.50	8.00	28.00
Danish Giant .....	.25	1.50	2.75	9.00	35.00
Snowball .....	.25	1.25	2.50	8.00	28.00
BRUSSELS SPROUTS	Pkt.	Oz.	¼ Lb.	Lb.	
Matchless Long Island...	.10	.30	.90	\$3.00	
Paris Half Dwarf.....	.10	.30	.90	3.00	
COLLARDS	Pkt.	Oz.	¼ Lb.	Lb.	
Georgia Southern .....	.10	.15	.25	\$.85	
No. Carolina Short Stem..	.10	.15	.25	.85	

DUPONT
SEMESAN
Makes Seeds Healthy

Controls Disease
Increases Yields
Improves Quality

SEMESAN PRODUCES FINER VEGETABLES

PLANT and seed diseases are responsible for poor yields and the unblemished quality of many popular vegetables. The best means of eliminating such wastes, consists of preventing the cause at its source by the disinfection of vegetable seeds with Du Pont Semesan.

Semesan is the only chemical which can be applied in either the liquid or convenient dust forms to prevent or control effectively a most diversified variety of parasitic diseases and fungoid growths borne by seed pieces, as well as many of those which infest the soils, such as "damping-off."

Semesan is harmless to seed and plant life but thoroughly sterilizes practically all kinds of seed

pieces against the disease germs or fungus spores that adhere to the seed coats or interiors. Semesan-treated seeds, unhandicapped by diseases, are thus stimulated to vigorous sprouting during the critical period of their early growth and consequently bear more and finer crops than can untreated seeds.

Semesan is just as effective for flower and nursery seeds or plants as for cleansing the diseases from field, forage, grain and vegetable seeds. Ask for Vegetable, Flower, Nursery and "Damping-Off" Booklets.

PRICES FOR DU PONT SEMESAN		
2 ozs. ....	.50	25 lbs. \$62.50
8 ozs.	1.60	50 lbs. 122.50
1 lb.	2.75	100 lbs. 240.00
5 lbs.	13.00	350 lbs. 822.50





Bolgiano's King Carrot

One ounce will sow 100 feet of
drill, 3 or 4 pounds for
an acre

Carrots

Möhren
Carotte
Zanahoria

We Pay Postage on Pkts., Ozs.,
¼ Lbs. and Lbs.

Culture. Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam. For earliest crop, sow seed of the early, short-rooted sorts in April or May, in drills 2 feet apart and thin to 2 inches. For main crop, sow in May or June or for succession even in July, using the long rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches.

60. **Bolgiano's New Extremely Early Orange Gem Carrot.** Has small, fine tops, flesh bright orange red, very crisp, tender and sweet. Unexcelled as a forcing variety. Coreless, should be in every garden.

64. **Bolgiano's Pride of the Market Carrot.** Half long, color, deep orange scarlet, smooth skin, free from side roots. One of the best varieties for the market gardener. Fine for early crop as well as midseason and late.

62. **Improved Long Orange Carrot.** Uniformly a deep orange color, growing a long, smooth, symmetrical Carrot. Tremendous yield and of a rich, sweet flavor; will retain its delicious flavor all Winter.

63. **Early Ox-Heart Carrot.** So very early, so shapely, so tender, and of such a fine, bright, scarlet color. Not only is extreme earliness a characteristic of our Ox-Heart Carrot, but its exceptionally fine quality, being almost entirely without core.

14. **Early Sunbeam.** Bolgiano's Extremely Early Carrot. This beautiful, delicious, exceptionally early forcing Carrot comes at the time of the year when new vegetables are most appreciated and enjoyed. Be sure to plant some.

91. **Bolgiano's King Carrot.** Grows about six to seven inches long when allowed to stand to maturity, but can be pulled earlier when smaller size is wanted. This variety will take the place of several less popular sorts because it will meet the wants of all classes of your trade. Its color is deep orange, flesh is free of fibre, has a beautiful shape tapering off to a rather sharp point.

65. **St. Valery, Long Red.** Color, orange-red. Roots large and handsome, intermediate in shape between Danvers and Long Orange.

66. **Early Scarlet Horn.** A very popular sort; quick growing; deep orange in color; blunt rooted; six to eight inches in length.

67. **Danvers Half Long Orange.** One of the heaviest croppers, roots dark orange color.

68. **Chantenay or Model.** Early, scarlet color, stump rooted, broad, thick shoulder, heavy cropper.

69. **Nantes, Half Long, Stump Rooted.** Roots 8 to 10 inches in length, thick shoulder, deep orange and good cropper.

570. **James' Intermediate Scarlet.** Roots similar in shape and size to Danver Pointed; color, scarlet; nearly coreless.

361. **Large, White Belgian Carrot.** Produces large roots four inches in diameter at the top and 10 inches in length. It has a white skin and flesh. These Carrots are grown for feeding stock during Winter; they keep stock in fine condition.

Corn Salad

MÂCHE
Canongios
Felsalat

1 Ounce will sow 20 square feet,
6 pounds will sow an acre

We Pay Postage on Pkts., Ozs.,
¼ Lbs. and Lbs.

Culture. Sow during August or early in September, in drill ¼ inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Keep down weeds with hoe. Just before the Winter, cover thinly with straw or leaves.

24. **Large German Corn Salad.** Used as a salad and for garnishing.



Chantenay Carrot

CARROTS	Pkt.	Oz.	¼ Lb.	Lb.
Ea. Orange Gem.....	.10	.20	.45	\$1.50
Pride of the Market....	.10	.15	.40	1.25
Improved Long Orange..	.10	.15	.25	.90
Ox-Heart .....	.10	.15	.40	1.25
Early Sunbeam .....	.10	.15	.40	1.25
Bolgiano's King .....	.10	.15	.40	1.25
St. Valery Long Red....	.10	.15	.30	1.00
Scarlet Horn .....	.10	.15	.30	1.00
Danvers Half Long.....	.10	.15	.30	1.00
Chantenay .....	.10	.15	.30	1.00
Nantes .....	.10	.15	.40	1.25
James' Intermediate ....	.10	.15	.30	1.00
Large White Belgian.....	.10	.15	.20	.60

CORN SALAD

German Corn Salad.....\$.10 \$.15 \$.30 \$1.25

Celeri
Sedano**CELERY** *Apio*
*Sellerie*We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

Culture. One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row. Sow the last of March or early in April, in an open border, in rich, mellow ground in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when only covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant the dwarf varieties 3 feet and the taller sort 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well and when large enough, blanch by earthing up. The first operation is that of "handling," generally done by the beginning of September. After the soil has been drawn up with the hoe, it is drawn around each plant by hand to keep the leaves firm in upright position and prevent spreading. When plants have become "set" in an upright position and the Celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth nearly up to the tops of the plants. The method employed now for protecting it is by covering the tops of the banks with waterproof felt paper.

71 Bolgiano's French Golden Self-Blanching Celery

It is an excellent keeper, stands shipment better than any other sort and brings the highest market prices. It is a vigorous dwarf grower, compact in growth and self-blanching to a very remarkable degree; even the ribs become a handsome, fresh, clean, yellow color, with a heart that is large and solid and of a beautiful, rich, golden yellow color. It is quite early and easy to cultivate. In the home garden it produces golden yellow stalks very early, which are crisp, tender and nutty in flavor. It will keep in good condition until Christmas or New Year's. Our stock is grown especially for us by the originator in France.

81. Bolgiano's Victory Celery. It has a great amount of heart, is heavier, stouter and thicker than many of its rivals. It is the most economical Celery yet introduced, every particle being solid, crisp and of a delicious flavor. Its beautiful, large, golden heart and compact growth make an ornament hard to surpass. It is a remarkable keeper, maintaining its firmness as late as May. Critical market gardeners pronounce it to be the finest quality, best keeper and most salable Celery they have ever raised. It is ready for market by December.

455. Bolgiano's Easy Blanching Celery. Excels all other varieties in earliness, in quick blanching, in flavor and in tenderness. A quick growing, very easy blanching variety. Grows a bulky plant of medium height, usually twice the size of other varieties, which produces a great number of crisp, sweet stalks.

73. Giant Pascal Celery. This is a large, solid, excellent sort. It blanches very quickly to a beautiful yellowish-white color, is very solid and crisp, and a fine nutty flavor. Stalks grow broad and thick.

72. Perfected White Plume Celery. Is the most extensively used on account of its extreme earliness. Its stalks and portions of its inner leaves and heart are white naturally, by simply tying the plant together, or by drawing the soil firmly against the plant.

75. Winter Queen Celery. (Pedigree Stock.) A good keeper and beautiful in appearance. Ribs perfectly solid, crisp and of a delicious, nutty flavor.

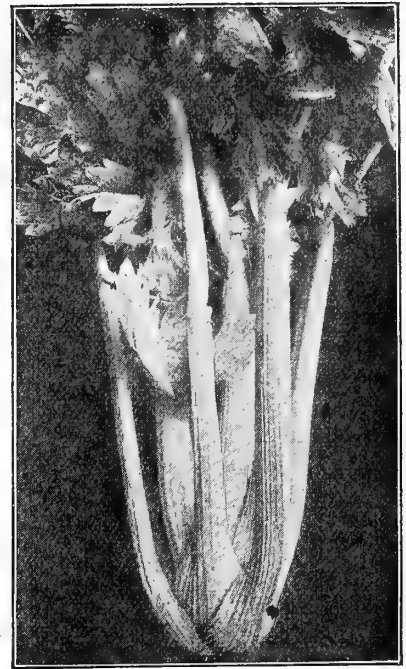
74. Dwarf Golden Heart Celery. Is crisp, solid, handsome and most excellent flavor, with a beautiful Golden Heart.

78. Giant Golden Heart Celery. A gardener found in his Dwarf Golden Heart a few plants of larger growth. A careful selection made for many years resulted in the Golden Giant Heart, which excels for larger size, solidity and keeping quality.

Celeriac, or Turnip-Rooted Celery

139. Giant French Celeriac. There is not a single item of interest in the growing and developing of seeds that we pass by without most thoroughly investigating and testing to see if there is something of value to our customers. To prove our watchfulness, we are here introducing the Giant French Celeriac. Many thought the Celeriac which the Market Gardeners have had for years was good enough, but we are always on the alert for something better and are rewarded for our pains by being able to offer this splendid Celeriac.

83. Large, Smooth Prague Celeriac. A large Celery flavored root used extensively for flavoring soups, pickles, etc.; also relished sliced as a salad with pepper and vinegar. It is also used to flavor chicken and potato salad.



Bolgiano's Victory Celery

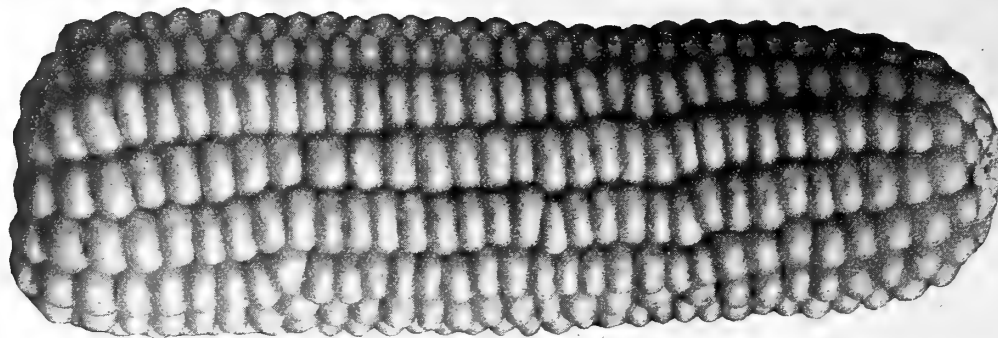


Bolgiano's Easy Blanching Celery

CELERY	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
French Golden Self Blanching.....	.10	.90	\$2.50	\$8.00
Bolgiano's Victory .....	.10	.25	.75	2.50
Easy Blanching .....	.10	.35	1.15	4.00
Giant Pascal .....	.10	.30	.85	3.00
Perfected White Plume.....	.10	.30	.85	3.00
Winter Queen .....	.10	.25	.75	2.50
Dwarf Golden Heart.....	.10	.25	.75	2.50
Giant Golden Heart.....	.10	.25	.75	2.50
Celery Seed for Flavoring.....	.10	.15	.50	

CELERIAC OR TURNIP-ROOTED CELERY

Giant French .....	.10	.25	.60	\$2.50
Large Smooth Prague.....	.10	.25	.75	2.50



Bolgiano's "Bolearly" Corn

1 qt. is about 2 lbs.
2½ qts. are about 5 lbs.
10 lbs. are about 2-3 peck.
15 lbs. are about 1 peck.

Culture. Seed of the sweetest varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in Spring, it may pay you to take some risks. Often the plants, when once up will escape injury by a belated light frost. Plant in warm soil 5 to 6 kernels to a hill, making the rows 3 feet apart for the dwarf or early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows, thin out to 2 plants in a hill. Always remove the young suckers attached to the larger plants, and permit no weeds to grow. Planting should be made once a week, from the moment the ground is warm enough until about July 15th, using the early varieties for the first three plantings. Quantity required, one quart for 200 hills, 8 quarts per acre.

Garden Corn

These varieties are not sugar corns. They are hardier and can be planted earlier. Make excellent roasting ears.

1308. **Bolearly Corn.** This variety is the earliest roasting ear variety that can be brought to market. It is very hardy and can be planted as soon as the soil begins to warm. Can be cut for market in 50 to 55 days. Ears 6 to 8 inches long pure white medium size kernels, frequently produces 2 ears to the stalk. Very attractive in appearance.

1051. **Double XX Extra Early Adams' Sweet Corn.** Two weeks earlier than Extra Early Adams', large ears completely filled with 10 to 14 straight rows of snowy white deep grains.

1052. **Adams Extra Early.** A splendid early variety largely grown for early market.

1053. **Second Early Adams'.** Ears are larger and later than Adams' Extra Early.

1050. **Gillespie's First Early Patapsco Neck Corn.** The very First Good Size Corn that can be brought to market.

1222. **Truckers' Favorite.** Not a Sugar Corn, but used largely in Baltimore and the South as a table Corn.

1049. **65-Day White Cob Corn.** This Extremely Early Corn looks like Snow White Evergreen Corn, but is ready for the market in 60 to 65 days from planting.

Sweet or Sugar Corns

Extra Early

1290. **Bolgiano's Extra Early Harvester Sugar Corn. 1920 Creation.** The best extra early white Sugar Corn that has ever been placed on the market. Earlier than the Golden Bantam, much sweeter, large ears and very prolific.

1136. **California Golden Country Gentleman Corn.** This is a wonderful combination of the Cream and Honey Sugar Corn and the well-known Country Gentleman Sugar Corn. Could you possibly think of anything more delicious than the good points of these two Corns combined into one?

443. **Bardens Wonder Bantam.** This corn was developed to fill an ever increasing demand for an early sweet corn having the good qualities of Golden Bantam with a larger ear and maturing about the same time. Grows 5 to 6 feet high, ears 8 to 10 inches long. Filled with 8 rows of rich yellow kernels. It will appeal to the critical market gardener. For the canner it will produce more tonnage per acre.

	(Pt.) (Qt.)				
GARDEN CORN	Pkt.	1 Lb.	2 Lb.	15 Lb.	100 Lb.
Bolearly	\$.10	\$.35	\$.65	\$ 2.75	\$ 16.00
XX Ex. Ea. Adams.....	.10	.30	.50	2.25	13.00
Adams Ex. Early.....	.10	.30	.50	2.15	12.00
Adams Second Early.....	.10	.30	.50	2.15	12.00
Gillespie's Early Neck.....	.10	.30	.50	2.15	12.00
Truckers Favorite.....	.10	.30	.50	2.15	12.00
65-Day White Corn.....	.10	.30	.50	2.25	13.00

SWEET OR SUGAR CORN

Extra Early and Early

Ex. Ea. Harvester	.....	.10	.40	.75	3.10	18.00
Whipples Early White	.....	.10	.40	.75	3.10	18.00
California Country Gent.	.....	.10	.35	.65	2.75	16.00
Bardens Wonder Bantam	.....	.10	.35	.75	3.10	18.00
Cream and Honey	.....	.10	.40	.75	3.10	18.00
Howling Mob	.....	.10	.35	.65	2.75	16.00
Early Butternut	.....	.10	.40	.75	3.10	18.00
Mam. White Cory	.....	.10	.35	.65	2.75	16.00
Golden Bantam	.....	.10	.35	.65	2.75	16.00
Premo 60-Day	.....	.10	.35	.65	2.75	16.00
Crosbys Early	.....	.10	.35	.65	2.75	16.00
Early Evergreen	.....	.10	.35	.65	2.75	16.00
Ea. Mammoth	.....	.10	.35	.65	2.75	16.00

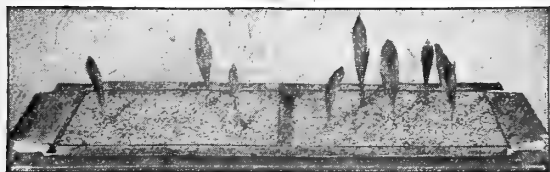
GENERAL CROP

White Evergreen	.....	.10	.35	.65	2.75	16.00
Stowell's Evergreen	.....	.10	.35	.65	2.75	15.00

LATE CROP

Country Gentleman	.....	.10	.35	.65	2.75	15.00
Shoe Peg	.....	.10	.35	.65	2.75	15.00
Late Mammoth	.....	.10	.35	.65	2.75	16.00
Black Mexican	.....	.10	.35	.65	2.75	16.00

Du Pont Semesan Jr. Produces Larger Yields of Better Sweet Corn



SEMESAN JR. INCREASES GERMINATION OF CORN

SEMESAN JR.—Easily applied to corn seed by the convenient dusting method, Semesan Jr. disinfects thoroughly against the common diseases such as the ear, stalk and root rots thereby increasing not only the germination but also the final crop yield by 20 to over 40%. In the test illustrated five untreated diseased corn seeds were planted in the left-hand section and five equally diseased seeds of the same lot were planted in the right-hand half after treatment with Semesan Jr. The improved results are obvious and the benefits of the Semesan Jr. treatment will continue to show until the harvest. Ask for special Semesan Jr. pamphlet describing results and method of application.

Prices: 4 oz., 60c.; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50; 100 lbs., \$140.00.

Corn—Second Early—Continued

1182. **Bolgiano's Cream and Honey Sweet Corn.** Extremely early, most delicious flavor, exceptionally fine quality. Should be tried by every wide-awake market gardener and in home garden, where the "best" of everything is enjoyed.

1256. **Howling Mob.** Superb long ears of sweetest quality. Stalks are of strong, vigorous growth, 4½ to 5 feet in height, abundant foliage, and generally produces 2 fine ears to a stalk.

1005. **Early Butter-Nut Sugar Corn.** Follows Cream and Honey Sugar Corn by four to seven days. Ears 7 to 9 inches long, with 14 rows of good size Butter-Nut pearly white grains. Stalks grow about 5 feet high and produce 2 fine ears.

1057. **Mammoth White Cory Sweet Corn.** Produces ears 7 to 8 inches long; 12-rowed; white-cobbed and covered with very large, white grains of extra quality.

1112. **Golden Bantam Corn.** This very early, yellow grained Sweet Corn, when in best condition for the table, is remarkably sweet and tender. The stock we offer has been improved by several years of careful selection, and therefore will be found decidedly superior to much that is offered.

1115. **Premo 60-Day Corn.** It is superior to many leading early varieties in quality, size and yield. Can be planted as early as Adams' for the young plant withstands slight frosts.

1302. **Early Crosby.** A high quality, second early, very popular in Eastern sections, especially New England. Ears about 6 inches long, 14 rowed, grains square, very white, sweet and tender.

1060. **Extra Early Evergreen.** One week earlier than Stowells Evergreen, and very much like this variety, especially in keeping qualities.

1061. **Early Mammoth Sugar.** Market Gardeners' favorite. Two weeks earlier than the Late Mammoth.

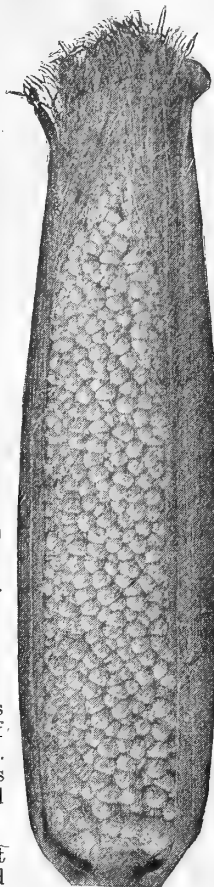
General Crop

1066. **Snow White Evergreen Sugar Corn.** White as snow and five days earlier than Stowell's Evergreen. Deliciously flavored and as sweet as sugar. Very tender. Each ear has 16 or more rows of long, slender purest white grains. Being Snow-White it is extremely attractive when served on the table. When put up in cans it retains its whiteness and does not have that yellowish tinge of the regular Stowell's Evergreen. Stalks straight and vigorous, 6 to 8 feet high. Ears are uniform, very large and completely filled to the tip.

1067. **Stowell's Evergreen.** The most profitable general crop sweet corn. Stalks grow about 8 feet high with ears from 7 to 9 inches long and from 14 to 16 rows to the ear of deep, white, medium sized grains of the finest flavored corn. Our strain of this variety is bred to produce two good sized ears to the stalk.

Late Crop

1065. **Country Gentleman Sugar Corn.** One of the most delicious Sugar Corns grown. Kernels plump, pearly white, milky and so tender they fairly melt in your mouth. It is deliciously tender, even when a little old. Ears average 8 or 9 inches long. Cob small, plump and filled zig-zag from end to end with pearly white kernels of great depth.



Country Gentleman Corn

CRESS	Pkt.	Oz.	¼ Lb.	Lb.
True Water Cress.....	\$.10	\$.50	\$ 1.40	\$ 5.00
Fine Curled or Pepper Grass .....	.10	.15	.25	.80

CHICORY				
Whitloof	\$.10	\$.25	\$.75	\$ 2.50

ENDIVE				
Bolgiano's Self Blanching..	\$.10	\$.15	\$.50	\$ 1.75
Green Curled .....	.10	.15	.40	1.50
Broad-Leaved Batavian..	.10	.15	.40	1.50

HERBS				
Sweet Basil	\$.10	\$.20	\$.60	
Caraway .....	.10	.20	.60	
Chives .....	.10	.60	1.75	
Coriander .....	.10	.15	.45	
Mammoth Dill .....	.10	.15	.45	
Fennell Sweet .....	.10	.25	.75	
Horehound .....	.10	.30	.95	
Lavender .....	.10	.25	.80	
Sweet Marjoram .....	.10	.25	.80	
Martynia .....	.10	.40	1.15	
Rosemary .....	.10	.45	1.25	
Sage .....	.10	.50	1.35	
Summer Savory .....	.10	.20	.60	
Thyme .....	.10	.50	1.35	

Agretto
Berro de fontain

Cress

CRESSON
Brunnen Kress

Culture. Sow curled or pepper grass thickly, in shallow drills, every 2 weeks. It should be cut often and will continue to grow. It is useful for salad and for garnishing.

520. **True Water Cress.** Should be sown in damp soil; or if a stream of water can be utilized, they would be much finer. They will thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad it is a good plan to sow with Water Cress Seed a strip 4 inches wide on the upper margin of the hotbed, inside the frame, where it is always cool.

Chicoree Sawage
Cicoria Selvatica

Chicory

Achicoria
Chicorienwurzel

404. **Whitloof or French Endive.** A winter salad, mostly served with salad dressing. Seed should be sown in the open ground in June, and later thinned to stand 5 inches apart and allowed to grow until the fall. They are then taken up and cut to about 7 inches in length, all side roots removed, planted in a trench 15 inches deep, about 2 inches apart; the trench is then filled with good, rich soil.

1 Oz. to 150 feet
of row

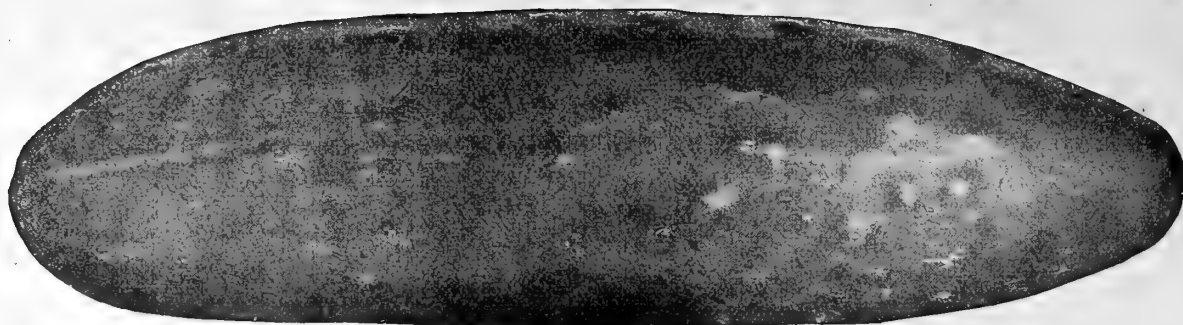
Endive

CHICOREE
Escarola o Endivia
Endivien

106. **Bolgiano's Self-Blanching Endive.** A perfect self-blanching curled Endive, beautiful and graceful in shape, most attractive, perfect color, shading from a large, rich golden heart to the outer leaf of emerald green.

107. **Green Curled Endive.** Much better than the common varieties. An attractive and ornamental vegetable.

452. **Broad-Leaved Batavian.** The leaves are large and broad, having the edges slightly cut. It can be blanched, but is more generally used to cook like Spinach, or as flavoring for soups, stews, etc. Called "Escarolle" in the South.



Bolgiano's Famous Early Fortune Cucumber

We Pay Postage on Pkts., Ozs.,
¼ Lbs. and Lbs.

Cucumber

CONCOMBRE
Cohombro
Gurten

One ounce will plant fifty hills,
two pounds will plant one acre

Culture. For very early, sow in hotbeds upon pieces of sod, or in small pots; they can be readily transplanted with a gain of about six weeks before they can be sown in the open. Plant out in rich soil when danger of frost is over, or protect by hand glasses; or by paper held down at the corners with earth. For general crops, sow in the open as soon as the weather is settled and warm, and every two weeks for a succession. For pickles, sow from middle of June to Fourth of July. Sod land, turned over in the Fall, is the best for them. Plant in hills 4 feet apart, putting shovelful of well-rotted manure in each hill.

394. Bolgiano's Crystal Springs Cucumber. 1918 introduction. Extra early, heaviest yielding, continuous bearer. Attractive rich, glossy, deep green color. Deep green to the very tips. Mildew-proof never turns yellow. Perfect in shape, color and size. No misshapen fruits or culls. Flesh firm, fine grained and tender. The quality is superb. Most refreshing and delightful flavor. Entirely free from bitterness. Very few seeds. Fine for slicing. The ideal Cucumber for either shipping, market or home use.

84. Bolgiano's Early Fortune Cucumber. Full blooded, as pretty as a picture, and extremely early, wonderfully productive, a model in shape, of the most inviting and attractive deep green color. Without a doubt the finest in the world.

17. Bolgiano's Prosperity White Spine Cucumber. This Cucumber will immediately jump into utmost favor with ship-pers, market gardeners and private gardeners.

135. New Klondike. Very dark green, 6 or 7 inches long and two inches thick, remains crisp a long time. It is a grand market sort.

398. Early Green Cluster Cucumber. This is an extra early pickling or frame variety, being the earliest Cucumber of practical use. Fruit is set in clusters of two or three and are used for either pickles or for extra slicers.

19. Perfection White Spine Cucumber. This Cucumber is very much the same type as the Early Fortune. This sort has great quantities of extra fancy dark green fruit, which always sells well in all markets.

85. Arlington White Spine Cucumber. For many years the standard slicing and market variety. Very prolific, and of dark green color.

90. Evergreen, or Long White Spine Cucumber. The best extra long table and market Cucumber. Fruit grows 8 to 10 inches long, holding diameter well from end to end. Heavy producers of extra fancy dark green fruits of good quality.

340. Fordhook Pickling. A thin skinned variety popular on account of its long bearing season. It is very prolific, and a great resistant to blight.

587. Snow's Fancy Pickling. This type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. The small pickles, although quite similar to the Chicago Pickle, have an additional value where blight prevails. The fruit being smaller, the blight does not sap the strength of the vine to the detriment of a crop.

591. Earliest of All. A fair size, dark green White Spine. The earliest of good quality we have tried, of especial value in localities where blight prevents the maturing of the late and longer sorts; also of value in the south for first crop.

88. Extra Long White Spine Cucumber, or Fordhook Famous. Skin very deep green; firm and usually crisp. The plant is a strong grower; leaf large and of a deep green color. The fruit is long (12 to 17 inches), smooth, slim and uniform.

86. Improved Extra Early White Spine Cucumber. We have a very uniform dark green strain. Vines are exceptionally rugged and productive and fruit holds color well after harvesting.

236. Boston Pickling. Fruit short, smooth and pointed at each end; light green, a great yielder; one of the best for pickling.

208. Chicago or Westerfield Pickling Cucumber. Fine for Market Gardeners. Medium length, pointed at each end, large spine, deep green, very prolific. A fine pickling variety.

98. Improved Long Green Cucumber. If you have to make one variety do for everything, this is the one to use. It is used for an early long slicing sort. It gets on the market a week ahead of most good slicers and gets the early money.

94. Early Frame, or Early Short Green. Desirable for producing pickles of medium size and fine quality.

95. Improved Jersey Pickle. It is medium in length, very shapely, prolific and holds its color.

544. Davis Perfect Cucumber. This variety is noted for producing the only Cucumbers of quality enabling them to sell in competition with hot-house grown stock. Very slender, almost seedless, cylindrical and tapering at the ends. It much resembles the expensive English forcing varieties and is superseding them in the markets.

518. West Indian Gherkin. This is the only genuine Gherkin. It is small, oval and covered with spines; color light green.

517. Japanese Climbing Cucumber. Used as a beautiful vine and also for its fruit.

342. The New Lemon Cucumber. It has a thin skin, is crisp, tender and sweet. Can be used sliced, whole or as pickles.

384. Cool and Crisp. This is the earliest and one of the most prolific pickling Cucumbers. The Cucumbers are of a dark color, straight, long, even and slim. They are very tender and crisp.

CUCUMBER	Pkt.	Oz.	¼ Lb.	1 Lb.
Crystal Springs	\$.10	\$.15	\$.45	\$ 1.50
Early Fortune .....	.10	.15	.45	1.35
Prosperity White Spine.....	.10	.15	.45	1.50
New Klondike .....	.10	.15	.40	1.25
Ea. Green Cluster.....	.10	.15	.40	1.25
Perfection White Spine.....	.10	.15	.40	1.25
Arlington White Spine.....	.10	.15	.40	1.25
Evergreen or Long White Spine .....	.10	.15	.40	1.25
Fordhook Pickling .....	.10	.15	.30	1.00
Snow's Fancy Pickling.....	.10	.15	.40	1.25
Earliest of All.....	.10	.15	.40	1.25
Extra Long White Spine....	.10	.15	.40	1.25
Improved Extra Early White Spine .....	.10	.15	.40	1.25
Boston Pickling .....	.10	.15	.40	1.25
Chicago or Westerfield Pickling .....	.10	.15	.40	1.25
Improved Long Green.....	.10	.15	.40	1.50
Early Frame or Short Green..	.10	.15	.40	1.25
Improved Jersey Pickling..	.10	.15	.40	1.25
Davis Perfect .....	.10	.15	.45	1.50
West India Gherkin.....	.10	.20	.60	2.00
Japanese Climbing .....	.10	.15	.45	1.50
New Lemon .....	.10	.15	.45	1.50
Cool and Crisp.....	.10	.15	.40	1.25

1 Oz. will produce
500 Plants

Egg Plant

AUBERGINE Berengena Eierplanze

We Pay Postage on Pkts.,
Ozs., $\frac{1}{4}$ Lbs. and Lbs.

Culture. Sow in hotbeds very early in Spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to 4 inches apart. Do not plant out until weather is perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Set out plants 3 by 3 feet.

100. Bolgiano's Black Beauty Egg Plant. The earliest and best of all large fruited Egg Plants.

99. The Florida High Bush Egg Plant. Holds the fruit well off the ground, resists drought and wet weather. Fine Purple color, very productive.

103. Bolgiano's Improved Large Purple Egg Plant. Perfect stock of improved Large Purple Egg Plant. It has a handsome shape, a fine, dark, purple color, beautiful form, large size, and is uniform, making it attractive for shipping and market use.

101. New York Improved Egg Plant. (Spineless.) A vigorous grower; fruit large, fine, free from thorns, and produce until frost; skin of a rich purple, flesh white and of a rich flavor. We can highly recommend this Egg Plant.

104. New Orleans Egg Plant. Large, dark, purple color. They are good shippers.

1 Ounce will
produce about
5,000 Plants

Kale

CHOUVERT
Col rabano
Snolltohl

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

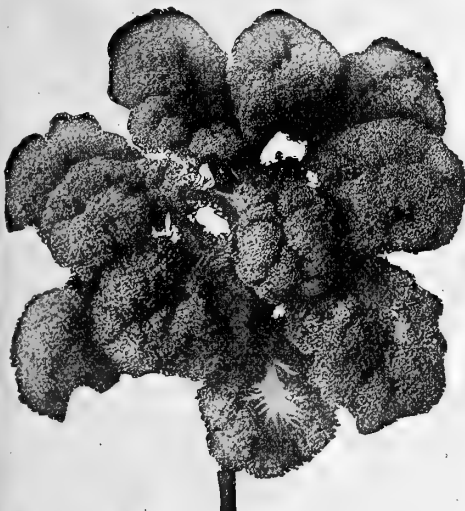
Culture. The Kales are more hardy than Cabbage, make excellent greens for Winter and Spring use, and are improved by frost. Sow in March and April, and cultivate the same as Cabbage. For early Spring use sow in September, and protect during Winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in Winter and be used for greens.

113. Bore Cole or Kale. Hardy Winter Spargel Kohl. The most salable delicious and tender of all Winter Kales. About Baltimore it is sown in May, and transplanted like Cabbage to stand over Winter. It is taller than the extra dwarf varieties, and when the leaves are stripped or fall off, new tender leaves quickly grow out. Then they are again stripped off and used for marketing. It will stand the coldest Winter. Besides being a delicious vegetable, it has always been an exceptionally, profitable crop, bringing money during the Winter months when most all vegetables are scarce.

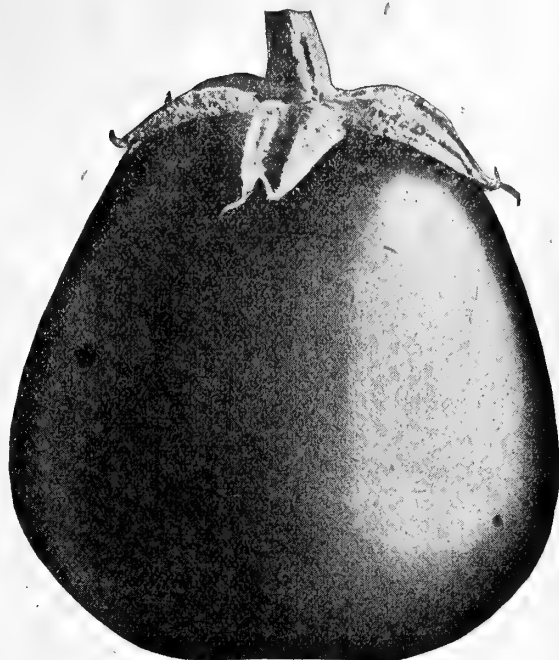
112. Extra Dwarf Green Curled Scotch, or Norfolk Kale. One of the best Kales for Spring sowing in the North; the principal sort grown South for Northern markets; hardy, and will remain over Winter where temperature does not go below zero. Very dwarf and spreading, rarely exceeding 18 inches in height. Leaves are a bright green color, beautifully curled and produced in abundance.

108. Imperial, Very Curly, Long Standing Kale. Beautifully curled and crimped sort; strong, vigorous habit, perfectly hardy, bright green color; very attractive in appearance; superior to all late sorts; will stand longer without shooting to seed than any other variety.

351. Spring or Smooth Kale. A hardy, quick growing, smooth leaved variety. The best for Spring sowing, but largely sown in the Fall, making greens earlier than the Winter varieties.



Bolgiano's Hardy Winter Bore Cole or Kale



EGG PLANT

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	1 Lb.
Black Beauty .....	.10	.50	\$1.50	\$5.00
Florida High Bush .....	.10	.50	1.25	5.00
Improved Large Purple .....	.10	.45	1.35	4.50
New York Improved (Spineless) ..	.10	.45	1.35	4.50
New Orleans .....	.10	.50	1.25	5.00
N. J. Improved Large Smooth ..	.10	.45	1.35	4.50

KALE

Hardy Winter Spargel Kohl....	.10	.25	.75	2.25
Ex. Dwf. Green Curled Scotch or Norfolk .....	.10	.15	.30	1.00
Imperial Curly Long Standing..	.10	.15	.25	.75
Spring or Smooth .....	.10	.15	.35	
Curled German .....	.10	.15	.20	.65
Siberian Curled .....	.10	.15	.20	.65
Amer. Ex. Curled Long Standing	.10	.15	.20	.65

109. Curled German Kale. Hardy; stands the frost of our severest Winters; grows rapidly, dwarf habit, beautifully curled.

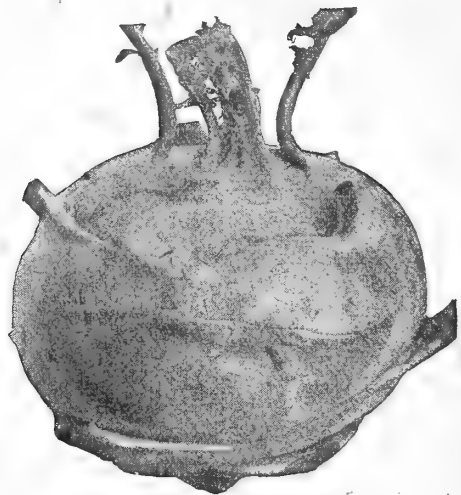
110. Siberian Curled Kale. The green leaves are very large and comparatively plain in the center, but heavily curled on the edge. It is a fast grower, extremely hardy and will stand longer in the Spring without bolting than any other variety.

512. American, Extra Curled, Long Standing Kale. Of a beautiful green color.

Horse Radish Roots

By mail Postpaid Doz. 30c., Express not paid, 50 for 60c., 100 for \$1.00,
300 for \$2.75, 500 for \$4.25, 1000 for \$8.00.

This is a hardy plant, thriving best in a cool, moist spot. The small sets or roots are planted each spring to furnish large, straight, smooth roots for use the following season. The roots can be left in the garden until needed for use and, when grated, makes an appetizing relish for all meat dishes.



Best of All Kohl-Rabi

Kohl-Rabi

CHOU-RAVE
Col rabano
Knoll Rabi

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

152. Best-of-All Kohl-Rabi. Combines the qualities of the finest varieties. Round like an apple, fine, smooth skin. Leaves, very few, stands erect, enabling grower to plant closer and helps him in bunching. Flesh is unsurpassed in tenderness and flavor. Best of All Kohl-Rabi will not run to seed in frosty weather. Equally valuable for forcing or open ground culture.

117. Earliest White Vienna. A well known variety, whitish green in color, with small tops. It matures very early. It has a sweet flavor and is very tender.

343. Purple Kohl-Rabi. Equally as good as the White Vienna, but matures about a week later. It has a light purple color.

Leek

POIREAU
Puerro
Porree

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

Culture. Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high transplant in a deep, rich soil in rows 24 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow.

114. Bolgiano's Famous Mammoth King Leek. It has a handsome form, is very mild, agreeable in flavor, grows to double the size of ordinary varieties, is pure white, has attractive dark colored leaves, is stout in habit and hardy. The edible part is 8 to 15 inches long, and 3 to 5 inches in diameter.

546. Monstrous Carenton or Scotch Champion. Very large, hardy and productive; popular for market.

116. Extra Large American Flag or Broad London. Distinct and dark-colored leaves; stout in habit and hardy.

We Pay Postage on
Pkts., Ounces, $\frac{1}{4}$
Lbs. and Lbs.

Lettuce

LAITUE
Lechuga
Sattich

1 Oz. to 3,000 Plants
2 Lbs. to the Acre

Culture. For early Summer use, sow in hotbeds in March, sowing every two weeks for succession. Transplant the young plants to rows 2 feet apart and 8 to 12 inches apart in the row. For Winter use, sow in August, transplant to frames; and for this purpose the early heading varieties, such as the Millionaire Lettuce, are best adapted. The Cos varieties require to be tied up for a few days in order to properly blanch them.

480. Bolgiano's Sure Summer Header Lettuce. This is the best Mid-Summer Variety, resisting heat and drought and remains in a heading condition longer than any other. It is a sure header in the hottest, driest weather and proves a big success under conditions when all others fail. The heads are a good size, very solid, a fresh green color. Loose leaves can all be used as they are brittle and tender. This strain is a big improvement over all other Summer varieties.

155. Unrivald Lettuce. An improvement on the Big Boston Lettuce, possessing earliness, large size, attractive color, etc. It can be sown almost the whole year around; it resists the Summer heat, is crisp and solid.

150. Millionaire Lettuce. Unquestionably the earliest and far better than any other extremely early large heading Lettuce. A Lettuce fit for a king.

415. Bolgiano's Masterpiece Lettuce. 1920 Creation. Sure header, very solid, beautifully blanched, crisp as ice; mild, tender, sweet, delicious flavor. It is equally well suited for the home garden, near-by markets or long-distance shipping. Does well in any section of the country. A very profitable Lettuce to grow.

380. Long Lost Lettuce. Produces large, extremely solid, compact cabbage heads. It is a reliable sure header and is very hardy. It stands the cold. It will Winter over better than Big Boston Lettuce.

352. May King. A handsome, light green heading variety of medium size and excellent quality. Outdoors the heads mature exceptionally early, attaining a size suitable for use before other sorts, and often the edges of the outer leaves have a brownish tinge. The plant is very compact for so large a head. It is very satisfactory also for forcing under glass.

122. Improved White Loaf Lettuce. After the most careful cultivation and roguing, we have established a strain of improved White Loaf Lettuce. It is planted largely in the Fall and allowed to remain in the open ground all Winter. In the earliest Spring it quickly forms most delicious, large light colored Lettuce heads. If planted in early Spring, it quickly forms heads and can be brought to market long before other Lettuce.

350. Iceberg Lettuce. The heads are large, crisp, solid and tender.

145. Hanson. Grows to large size and is uniformly sure heading. Heads very solid and beautifully blanched; crisp, mild and tender. One of the finest varieties to grow for market during the Summer months.



Millionaire Lettuce

425. **New York or Wonderful Lettuce.** A decidedly crisp variety; strictly cabbage head. Very large. Extremely slow to shoot to seed. Hardy, well blanched; sweet, delicious flavor.

137. **Black Seeded Tennis Ball or Boston Market.** One of the very best for either forcing or early outdoor planting. Plants good size, leaves are of good substance and of attractive, dark green color. Heads are solid, crisp and tender.

156. **Big Boston Lettuce.** A standard variety used by large growers throughout the country, for early spring and late fall crop. Produces a large solid cabbage head, the few outer leaves are light green in color, while the center leaves which are formed into the head are white, and are very brittle and sweet.

399. **Wayahead Lettuce.** Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. The outer leaves are a light green, with the inner head firmly blanched to a rich, buttery yellow. Retains its good quality throughout the season and stands longer without going to seed than many other early varieties.

120. **Bolgiano's Lucky Stroke Lettuce.** The largest and most successful Lettuce growers are enthusiastic over this early Summer Lettuce. It is simply perfect.

133. **California Cream Butter Lettuce.** Outside leaves are a medium green color, inside is folded a solid head of rich, creamy color. The largest growers considering it one of the best in cultivation.

215. **Butterhead Lettuce.** (Burpee's.) A fine, large, hard-headed variety, solid, rich and buttery. Always well blanched and tender.

124. **Bolgiano's Celebrated Big Head Lettuce.** It forms a compact head; has no core, but a tender, golden heart. As a shipper it commands the very best prices. It resists the cold, withstands the Summer heat, always has a crisp, mild flavor.



Hanson Lettuce

Cos or Celery Lettuce

The Lettuce called Salad Romaine is of distinct, upright growth, and esteemed for its fresh crispness and mild flavor during the Summer and in warm climate.

339. **Eclipse or Express Cos.** The most dwarf and earliest of all. The plants grow stiffly erect, only six or seven inches in height. The interior leaves are almost pure white, very crisp, and mild in flavor, even in hot weather.

123. **Paris Self-Folding or Trianon White Cos.** Grows to a very large size, producing long-pointed, compact bunches. The inner leaves blanch readily and are of fine flavor.

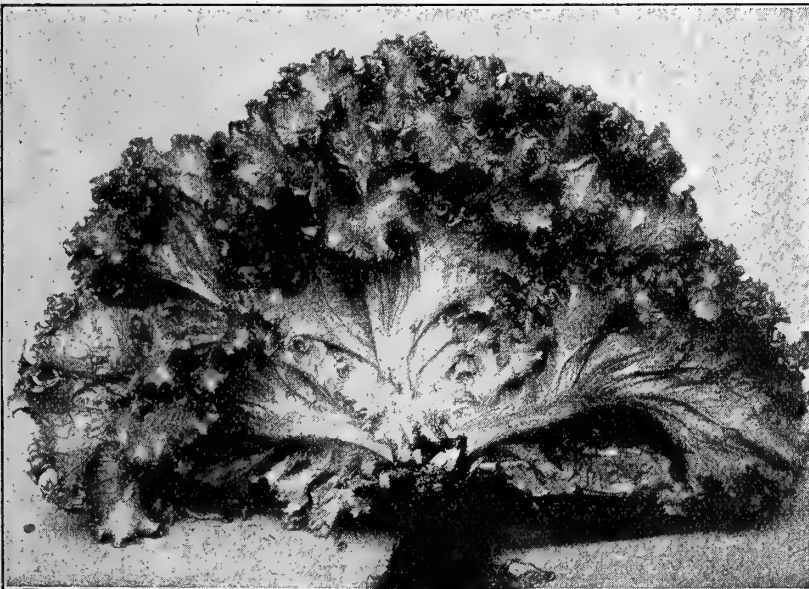
Loose Head Varieties

132. **Grand Rapids.** Finely curled or fringed edges. Its delicious quality and handsome appearance make it most popular.

209. **Early Curled Simpson Lettuce. White Seed.** A quick-growing hardy variety. This crisp, non-heading sort forms a tight bunch of leaves very tender and of excellent quality.

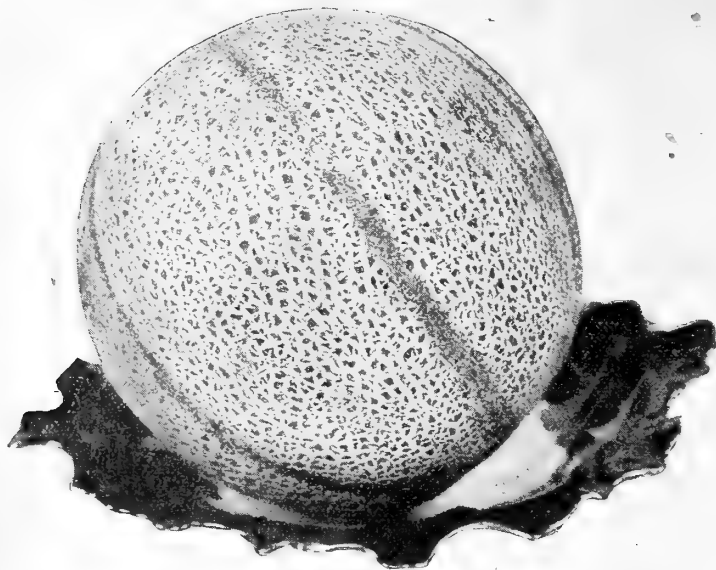
147. **Black-Seeded Simpson.** Very large, finely fringed.

345. **Early-Prize Head.** (Brown Cabbage.) Large, loose heads, tinged with brown.



Early Curled Simpson Lettuce

KOHL RABI	¢Pkt.	Oz.	¾ Lb.	1 Lb.
Best of All.....	\$1.10	.25	.75	\$2.50
Earliest White Vienna..	.10	.25	.65	2.25
Purple .....	.10	.25	.65	2.25
LEEK				
Famous King .....	.10	.25	.65	2.25
Monstrous Carenton or Scotch .....	.10	.20	.60	2.00
Ex. Large American Flag or Broad London....	.10	.20	.60	2.00
LETTUCE				
Sure Summer Header...	.10	.25	.65	2.25
Unrivald .....	.10	.25	.75	2.50
Millionaire .....	.10	.20	.60	2.00
Masterpiece .....	.10	.30	.85	3.00
Long Lost .....	.10	.30	.85	3.00
May King .....	.10	.20	.50	1.75
Improved White Loaf...	.10	.15	.45	1.50
Iceberg .....	.10	.20	.50	1.75
Hanson .....	.10	.15	.45	1.50
New York or Wonderful..	.10	.25	.75	2.50
Black Seed Tennis Ball or Boston Market....	.10	.15	.50	1.50
Big Boston .....	.10	.15	.40	1.25
Wayahead .....	.10	.20	.50	1.75
Bolgiano's Lucky Stroke..	.10	.20	.60	2.00
California Cream Butter..	.10	.15	.45	1.50
Butterhead .....	.10	.15	.45	1.50
Bolgiano's Celebrated Big Head .....	.10	.15	.45	1.50
COS OR CELERY LETTUCE				
Eclipse or Express.....	.10	.25	.75	2.50
Paris Self Folding or Trianon White .....	.10	.25	.75	2.50
Grand Rapids .....	.10	.15	.45	1.50
Early Curled Simpson....	.10	.15	.45	1.50
Black Seeded Simpson....	.10	.15	.45	1.50
Early Prize Head.....	.10	.15	.45	1.50



Hearts of Gold Cantaloupe

16. **Junior Rocky Ford.** Two weeks earlier, a little larger, twice as productive as Rocky Ford. More thoroughly and deeply netted. Rust and blight proof. Packs in crates better and carries better than any other melon. Most deliciously sweet and spicy. The attractive, green flesh is thick, smooth and firm.

450. **Honey Dew.** The skin is smooth and the rind though thin is very tough. Will keep until Christmas. Creamy yellow when ripe. Flesh an emerald green. Can be eaten to the extreme rind. Is a good shipper.

337. **Knight, or Maryland Cantaloupe.** A very popular melon with large growers and shippers; somewhat larger than the Rocky Ford or Netted Gem.

166. **Anne Arundel.** Large, green fleshed, deeply netted.

334. **Pollock Rocky Ford Cantaloupe.** A rust resisting melon, with netting over the blossom end, and finest shipping and eating qualities. The selection from time to time have reduced the size; now they crate nicely.

157. **Rocky Ford Cantaloupe.** Thoroughbred Stock. Meat light green changing very slightly toward gold near the center. Very spicy and sweet; abundant yielder; having produced 300 standard crates from one acre; an excellent shipper.

492. **Bottomley Cantaloupe.** A great blight resister. A few days later than the Knight. Slightly smaller than the Knight. Uniform size, about 7 inches from stem to blossom end. Beautifully netted with deep green ribs, giving it a most attractive appearance. Thick meated, very crisp and fine flavor. Handsome greenish color shading to a frosty salmon next to seed cavity. Small seed cavity. Shape oval, slightly more pointed at blossom end than at stem end. A wonderful shipper. Retains its flavor and firmness longer than any other melon. A great favorite wherever grown.

471. **10-25 Cantaloupe.** A reselection of the Pollock Salmon Tint No. 25 strain of Rocky Ford, which has become a most popular strain among market growers. Salmon flesh, tender, sweet flavored, without strings or toughness. Excellent shipper. Good seller.

170. **Baltimore Nutmeg Cantaloupe. The Original Stock.** Is delicious in flavor, attractive in form and color, and unexcelled as a shipper. We recommend this melon.

160. **Extra Early Hackensack.** Will weigh from 10 to 12 pounds, delicious flavor.

161. **Netted Gem.** Extra early, weight 1 to 1½ pounds, fine.

Muskmelons

(Cantaloupe)

MELON
MELONEItalian
PAPONESpanish
MELON

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. A sandy loam to which plenty of well rotted manure has been added will be found ideal. Plant early in May, when the ground has become warm, in hills 5 feet apart each way; 12 to 15 seeds to the hill; cover half inch deep. To prevent damage by insects, spray with Pyrox. Thin out few plants after they show good growth and when all danger of insects is over thin out to 2 plants to the hill. For an early crop sow seed in berry boxes placed in hotbeds and transplant outdoors; do not disturb the roots. Sow one ounce of seed to 60 hills; two pounds for an acre.

Green Fleshed Varieties

611. **Honey Ball.** A cross between Honey Dew and Texas Cannon Ball. Early, prolific good keeper, delightful flavor. Excellent shipper, and fine for the home garden.

401. **Delicious Gold-Lined Rocky Ford Cantaloupe.** Shape is ideal, no ribs, and it is heavily netted over the entire melon. The melon is thick meated, fine grained and sweet; color, green, with a gold margin next to the seed cavity.

207. **Watters' Improved Solid Net Rocky Ford Cantaloupe.** This is the earliest strain of Rocky Ford Cantaloupes. The meat is light green, spicy and sweet. The heavy gray netting is closely laced.

MUSKMELON OR CANTALOUPE

	Pkt.	Oz.	½ Lb.	1 Lb.
Hale's Best	\$.10	\$.25	\$.75	\$ 2.50
Anne Arundel .....	.10	.15	.40	1.25
Delicious Gold Lined Rocky Ford .....	.10	.15	.40	1.25
Watters' Impd. Solid Net Rocky Ford .....	.10	.15	.30	1.00
Junior Rocky Ford, Green Fleshed .....	.10	.20	.45	1.50
Honey Dew .....	.10	.15	.45	1.50
Knight or New Maryland .....	.10	.15	.40	1.25
Pollock Rocky Ford .....	.10	.15	.40	1.25
Rocky Ford .....	.10	.15	.30	1.00
10-25 .....	.10	.15	.40	1.25
Baltimore Nutmeg .....	.10	.15	.40	1.25
Extra Early Hackensack .....	.10	.15	.40	1.25
Netted Gem .....	.10	.15	.40	1.25
Bottomley .....	.10	.20	.45	1.50
Hearts of Gold .....	.10	.20	.45	1.50
Pearl Pink Meat .....	.10	.15	.30	1.00
Edward's Perfecto .....	.10	.15	.30	1.00
Melting Gold Rocky Ford .....	.10	.20	.45	1.50
Improved Jenny Lind .....	.10	.15	.40	1.25
Eden Gem or Netted Rocky Ford .....	.10	.15	.40	1.25
Burrell's Gem .....	.10	.15	.40	1.25
Acme or Baltimore .....	.10	.15	.40	1.25
Salmon Flesh Eden Gem .....	.10	.15	.40	1.25
Bolgiano's Unsurpassed .....	.10	.20	.45	1.50
Honey Dew Salmon Fleshed .....	.10	.15	.45	1.50
Banana .....	.10	.15	.45	1.50
Honey Ball .....	.10	.25	.90	3.00



10-25 Cantaloupe

Musk Melon—Continued

Orange Fleshed Varieties

610. **Hale's Best.** See full description and illustration on Page 3. Extremely early, prolific, good shipper, about 10% larger than the Rocky Ford types. Flesh salmon and of exceptional thickness. Heavily netted and fairly prominent ribs.

445. **Hearts of Gold.** One of the finest pink fleshed types, an excellent shipper and retains its flavor. The skin is moderately netted and rather distinctly ribbed, weight about one and one-half pounds. This variety is becoming very popular in home gardens.

439. **Pearl Pink Meat.** A new variety of fine qualities. It is oval shape, with skin the color of pearl, has very fine flavor.

438. **Edwards' Perfecto.** Inherits the good qualities of its parent stock The Rocky Ford and Burrell's Gem, it is mostly meat and has very small seed cavity.

51. **Melting Gold Rocky Ford Cantaloupe.** Simply the most delicious Cantaloupe that was ever eaten. The sweet, luscious flesh is as yellow as melting gold. It is the best eating Cantaloupe in the world and a splendid, profitable shipper.

167. **Eden Gem or Netted Rock Rocky Ford Cantaloupe.** This magnificent Muskmelon is a selection of the old Rocky Ford, which it completely surpasses in lusciousness, yield heavy; good shipper.

*Try Mustard cooked like Spinach—It is delicious
One ounce will sow 100 feet of drill*

Mustard We Pay Postage on Pkts., Ozs.,
¼ Lbs. and Lbs.

203. **Southern Giant Curled.** The true curled leaf variety, sweet flavored, pungent and succulent; used for early salad.

204. **Ostrich Plume Mustard or Fordhook Fancy.** Desirable and ornamental. It is distinct from any other variety. The plants are of vigorous growth, and the beautiful dark green, pungent leaves curve outwardly like a fine ostrich plume. The edges are as thoroughly curled and laciniated as the best double curled Parsley, making the leaves equally desirable for garnishing. So attractive is the habit of growth and the feathery effect of the finely fringed leaves that this plant is quite worthy of a place in the garden as an ornamental border plant.

Chinese Broad Leaf. The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent.

We Pay Postage on Pkts.,
Ozs., ¼ Lbs. and Lbs.

Okra, or Gumbo

1 Oz. to 40 Feet of Drill
10 Lbs. to Acre

198. **Perkin's Mammoth Long-Podded Okra.** Pods shoot out from the stalk within three inches of the ground and the whole plant is covered with them to its extreme height. Pods are an intense green color, 9 to 10 inches long, very slim and do not get hard.

201. **Bolgiano's Imperial Dwarf Short-Podded Okra.** It has a dwarf, shapely, dense pod, of an attractive pea-green color. The flavor is exceptionally rich.

199. **Dwarf Green Prolific Density Okra or Gumbo.** Its green pods impart fine flavor and consistency to soups and stews, besides being palatable when stewed and served as a dish of Asparagus.

200. **White Velvet Okra.** The pods of this distinct and beautiful new Okra are much longer, perfectly smooth, never prickly.

202. **Lady Finger Okra.** The plants produce long, tender pods of fine, round form, white and smooth.

1 Oz. will sow 200 feet
of Drill
¼ Lbs. to the Acre

Parsley

PERSIL
Perejil
Petersilie

MUSTARD	Pkt.	Oz.	¼ Lb.	1 Lb.
Southern Giant Curled.....	.10	.15	.25	.75
Ostrich Plume or Fordhook Fancy .10	.15	.25	.75	
Chinese Broad Leaf.....	.10	.15	.25	.75

OKRA OR GUMBO

Perkin's Mammoth Long Podded.	.10	.20	.60
Bolgiano's Imperial Dwf. Short Podded .....	.10	.25	.75
White Velvet .....	.10	.20	.60
Lady Finger .....	.10	.20	.60
Dwarf Green Prolific Density....	.10	.20	.60

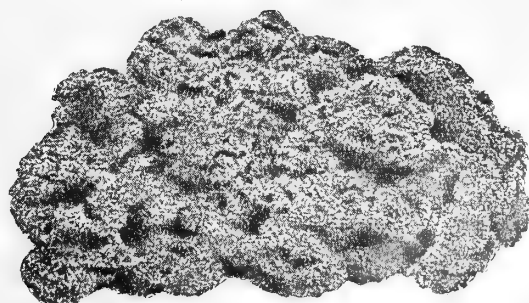
PARSLEY

Bolgiano's Green Mountain Triple.	.10	.15	.35	1.00
Market Gardener's Best Triple Curled .....	.10	.15	.25	.85
Extra Dark Champion Moss Curled .10	.15	.25	.85	
Plain or Single.....	.10	.15	.25	.75
Extra Curled Dwarf or Emerald. .10	.15	.25	.85	
Fine Double Curled.....	.10	.15	.25	.85
Hamburg Rooted .....	.10	.15	.25	.85

221. **Bolgiano's Green Mountain Triple Curled Parsley.** Produces an abundance of finely cut beautifully curled leaves of an attractive brilliant deep green. A table garnish of rare beauty.

222. **Market Gardeners Triple Parsley.** Very handsome; of robust free growth, beautifully curled, very dark green.

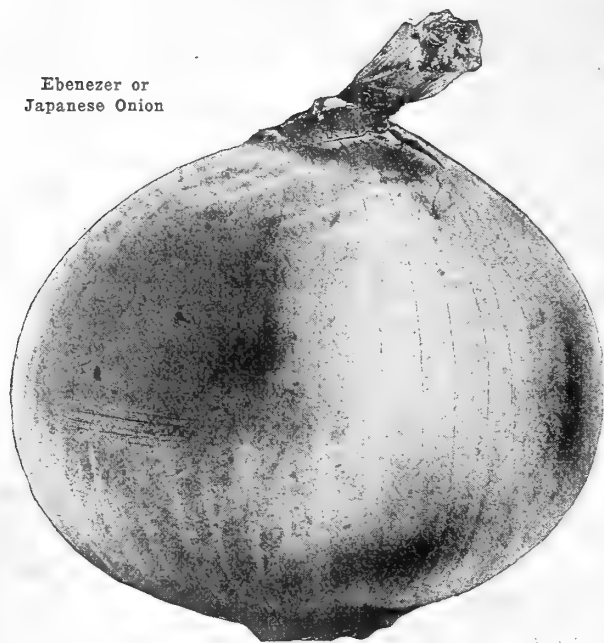
223. **Extra Dark Champion Moss Curled Parsley.** The large, moss, curled leaves are of a rich, dark green color and very productive.



Green Mountain Triple Curled Parsley



Okra
or
Gumbo

Ebenezer or
Japanese Onion

576. Southport Large Red Globe Onion. Produces large, handsome, globe-shaped bulbs from the seed the first season; are excellent keepers; have glossy, purplish skin; mature little later than Red Wethersfields. Fine grained, mild and tender.

213. Mammoth Silver King. Bulbs of attractive form, flattened, but thick through; average diameter 5 to 7 inches; single bulbs often weigh 2 to 3 pounds; skin is a clear, silvery white; flesh snow white, sweet and tender.

212. Red Wethersfield Onion. The most beautiful, large, handsome, globe-shaped red Onion. Perfect form, skin deep, polished red; flesh purplish white; fine grained; produces enormous Onions.

511. Large White Portugal. The standard, large, flat variety.

210. Extra Early Pearl, White Queen, or Barletta Onion. Enormous size; grows full-size roots from seeds the first season; skin pure white, waxy color, flesh snowy white, delicate and tender. Often grows 6 inches in diameter and weighs 3 pounds; valued as a very early sort

Australian Brown. Skin is light brown, flesh white crisp, mild and sweet. Especially recommended for its long keeping qualities.

Bermuda Onions—Genuine Teneriffe Grown

577. White or Yellow Bermuda. Skin light straw color, flesh pure white, mild delicate flavor. Will produce full grown onions from seed the same season.

578. Crystal Wax Bermuda. Same shape and size of the white skin, is a pure waxy white. Matures in about 100 days, carries well when shipped, a very attractive and desirable sort.

579. Red Bermuda Onion. Shape and size similar to white, differing only in color; a most desirable sort.

Onion Sets

Plant in drills 18 inches apart, and 4 inches in the rows
Must have high culture.

We give a weight bushel of 32 pounds.

We pay postage on quantities quoted below. Write for prices on larger quantities.

	(Pt.) ½ Lb.	(Qt.) 1 Lb.	(Pk.) 8 Lb.
White Silver Skin.....	\$.30	\$.50	\$2.50
Yellow Globe Danvers.....	.20	.30	1.65
Red Wethersfield .....	.20	.30	1.65
Ebenezer or Japanese.....	.25	.40	1.75

Onion

OGNON 1 Oz. to 100 Feet of Drill
Cebolla 4 to 5 Lbs. to the Acre
3wiebel

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

By sowing seed of the Spanish type, such as the Prizetaker, Southport Globes, Pearl or Queen and Bermuda Onions, under glass in January, February or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, large bulbs may be produced the first season from seed.

Ebenezer or Japanese. This onion we believe is destined to take the place of the other Yellow varieties. It will make double the crop of other sorts. It is nearly globe shape, of a beautiful deep straw-color, and has a delightful mild sweet flavor and a wonderful keeper. Be sure to give it a trial, we are sure it will please you.

White Silver Skin. Its delicate mild flavor, stately form and pure white color make it a splendid table variety, and most profitable for market and shipping. Bulbs should be harvested as soon as ripened and dried in the shade to preserve their silvery white appearance.

205. Mammoth Prizetaker Onion. Immense size, 12 to 18 inches in circumference, bright straw color, flesh white.

344½. Southport White Globe. A large, globe-shaped Onion; firm, fine grained; of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear white skin, and commands the highest market price.

575. Southport Large Yellow Globe. Produces bulbs more perfectly globe-shaped and larger than Globe Danvers, but later in ripening; excellent keeper; easily grown from seed the first year, has a beautiful, pale, straw-colored skin; heavy cropper; large size.

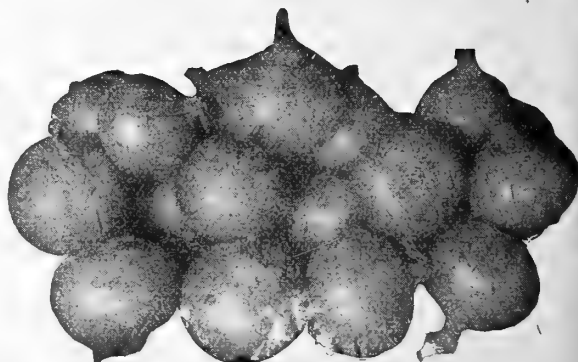
536. Bolgiano's Yellow Dutch or Strasburg. Grows round, plump sets. Skin a bright attractive straw color. Full-sized Onions are flattened; mild flavor, excellent keepers and shippers. Very productive.

206. Yellow Globe Danvers Onion. Handsome form, very thick bulb, small neck; very early, enormous cropper; keeps perfectly, of large size, solid and heavy.

ONION	Pkt.	Oz.	¼ Lb.	Lb.
Ebenezer or Japanese.....	\$.10	\$.30	\$.90	\$3.00
White Silver Skin.....	.10	.30	.90	3.00
Mammoth Prizetaker ....	.10	.20	.75	2.50
Southport White Globe...	.10	.35	1.15	4.00
Southport Yellow Globe..	.10	.20	.75	2.50
Southport Red Globe....	.10	.20	.80	2.75
Mammoth Silver King....	.10	.30	.90	3.00
Yellow Dutch or Strasburg.	.10	.20	.75	2.50
Yellow Globe Danvers...	.10	.20	.75	2.50
Large White Portugal....	.10	.30	.90	3.00
Pearl or White Queen....	.10	.30	.90	3.00
Red Wethersfield .....	.10	.20	.65	2.25
Australian Brown .....	.10	.15	.50	1.75

GENUINE TENERIFFE GROWN BERMUDA ONION

	Pkt.	Oz.	¼ Lb.	Lb.
White Yellow Bermuda...	.10	.40	1.25	4.00
Crystal Wax Bermuda....	.10	.75	2.00	7.00
Red Bermuda .....	.10	.35	1.00	3.50



Peas

Garden Peas By Weight

1 pint is about 1 pound. 1 quart is about 2 pounds. 1 peck is about 15 pounds. 1 bushel is about 60 pounds.

WEIGHT BY PARCEL POST INCLUDING PACKING

Pint 2 lbs., qt. 3 lbs., 4 qts. 9 lbs., pk. 17 lbs. Parcel post table—See page 1.

Those Marked with a Star (*) are wrinkled marrows, and unless otherwise stated should be sown thicker than the round Peas, and not until the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.

Extra Early Dwarf Varieties

1048. **Bolgiano's Early Bird Peas.** Is unsurpassed for its extreme earliness, superb quality and unusual productiveness. The dwarf vigorous vines 2 to 2½ feet in height are well filled with large, beautiful deep green pods measuring 4 to 4½ inches in length filled with 9 or 10 large delicious peas. Can be sown as soon as the ground can be worked, as they do not rot like the fully wrinkled varieties, and can be pulled as early as the Alaska with pods double the size.

1218. *** 100 Per Cent Profit Peas.** A remarkably early wrinkled pea. Plants only grow about 12 inches high, bear an abundance of immense, beautiful deep green pods filled with large luscious peas which retain their green color after they are cooked. Are much earlier, more prolific, have a deeper green color, and more delicious flavor than either the Thomas Laxton or Gradus.

1261. *** Little Marvel Peas.** Dwarf, even growth, 15 in. high. Heavily set with fine pods and frequently borne in pairs. Ready for table fully as early as American Wonder.

1229. *** Laxtonian Peas.** One of the earliest of the large podded wrinkled sorts. Vines grow about 18 inches high, and produce pods from 3 to 3½ inches long and are of an attractive dark green color, and the flavor is extra fine.

We pay postage on 1 and 2 lbs. only. Larger quantities Postage extra. 5 lbs. sold at 15-lb. rate; 30 lbs. and over at 100-lb. rate. F. O. B. Baltimore.

PEAS	(Pt.)	(Qt.)	(Pk.)
	Pkt. 1 Lb.	2 Lb.	15 Lb. 100 Lb.
Bolgiano's Climax	10	.65	1.15 4.50 30.00
Bolgiano's Early Bird	10	.50	1.00 3.75 22.50
Bolgiano's 100 Per Cent Profit	10	.50	1.00 3.75 22.50
Little Marvel	10	.45	.85 3.50 22.00
Laxtonian	10	.45	.85 3.50 22.00
American Wonder	10	.40	.75 3.10 18.00
Ex. Ea. Premium Gem	10	.40	.75 3.10 18.00
McLean's Little Gem	10	.40	.75 3.10 18.00
Nott's Excelsior	10	.40	.75 3.10 18.00
Sutton's Excelsior	10	.40	.75 3.10 18.00
Bolgiano's Wonder	10	.40	.75 3.10 18.00
Worker	10	.40	.75 3.10 18.00
World's Record	10	.45	.85 3.50 22.00
Thomas Laxton	10	.40	.75 3.10 18.00
Graders or Prosperity	10	.40	.75 3.10 18.00
Bolgiano's Morning Glory	10	.40	.75 3.10 18.00
Pilot	10	.40	.75 3.10 18.00
The Hustlers	10	.35	.65 3.10 18.00
Long Podded Alaska	10	.35	.65 2.65 15.00
Bountiful	10	.35	.65 2.65 15.00
Prolific Early Market	10	.35	.65 2.65 15.00
Ex. Ea. Alaska	10	.35	.65 2.65 15.00
Ex. Ea. Triumph	10	.35	.65 2.65 15.00
Pedigree Extra Early	10	.35	.65 2.65 15.00
Ameer	10	.35	.65 2.65 15.00
Potlach	10	.40	.75 3.10 18.00
First and Best	10	.35	.65 2.65 15.00
Rural New Yorker	10	.35	.65 2.65 15.00
Bolgiano's Ea. Prolific	10	.35	.65 3.00 17.00
Good Luck	10	.35	.65 3.00 17.00
Improved Sugar	10	.35	.65 2.65 15.00
Marrowfat	10	.35	.65 3.00 17.00
Market Surprise	10	.35	.65 3.00 17.00
Bolgiano's Cracker	10	.40	.75 3.10 18.00
Jack	10	.40	.75 3.10 18.00
Horsford's Market	10	.45	.85 3.30 22.00
Gardener	10	.45	.85 3.30 22.00
Juno	10	.35	.65 2.75 16.00
Duke of Albany	10	.45	.85 3.50 22.00
Bolgiano's Victory	10	.45	.85 3.50 22.00
Dwarf Giant Podded	10	.40	.75 3.10 18.00
Prolific Green Marrow	10	.40	.75 3.10 18.00
Edible Podded Mammoth Melting Sugar	10	.50	.95 3.75 22.50
Dwarf Grey Sugar	10	.40	.75 3.10 18.00
Stratagem	10	.40	.75 3.10 18.00
Champion of England	10	.35	.65 2.75 16.00
Alderman	10	.35	.65 2.75 16.00
Telephone Improved	10	.35	.65 2.75 16.00
Everbearing	10	.40	.75 3.10 18.00
Daisy or Dwarf Tele-phone	10	.45	.85 3.30 20.00
Dwarf Champion	10	.45	.85 3.30 20.00
Willett's Wonder	10	.50	1.00 3.75 22.50

We Pay Postage on pkts.

1 and 2 lbs. only.

Larger quantities postage extra and must be included in remittance

30 lb. and over

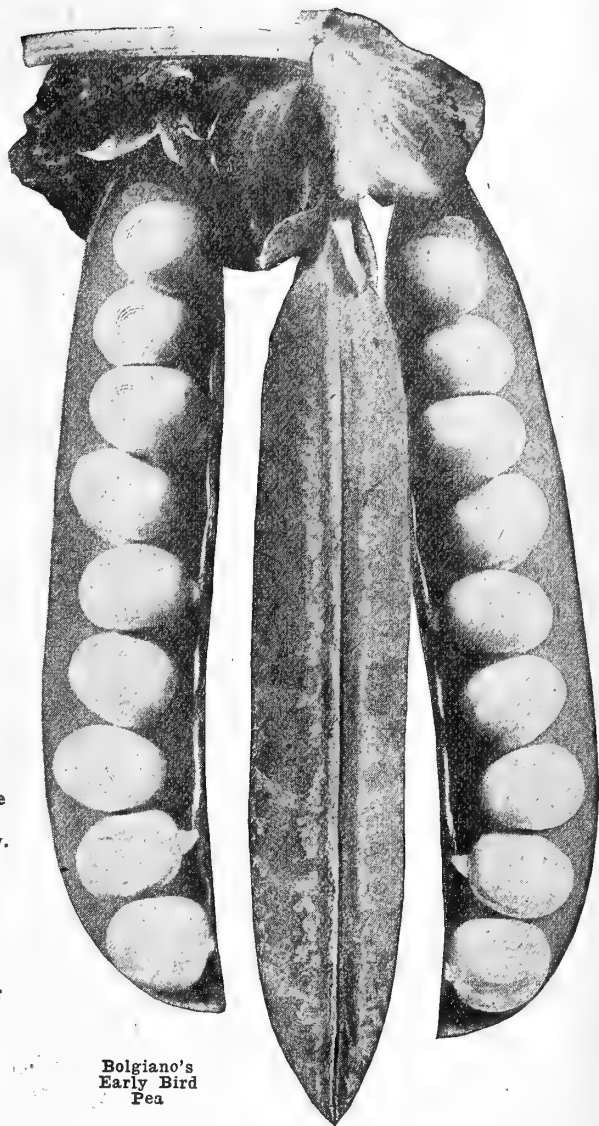
sold at

100 lb. rate

F. O. B.

Baltimore

Bolgiano's
Early Bird
Pea



1081. *** American Wonder.** It is of dwarf and robust habit, 10 to 15 inches high, and produces a profusion of good-sized and well-filled pods of finest flavor.

1084. *** Extra Early Premium Gem.** Early, large, well-filled straight pods. Height 1 foot.

1196. *** McLean's Little Gem.** Very early prolific; delicious flavor. Height 1¼ feet.

1080. *** Nott's Excelsior Pea.** Vines are more vigorous and taller than the American Wonder, and the pods are one-third larger, containing often 6 to 8 large Peas very close together. Height 1 foot.

1203. *** Sutton's Excelsior.** As early as American Wonder, with much larger pods and more prolific. Height 1 foot.

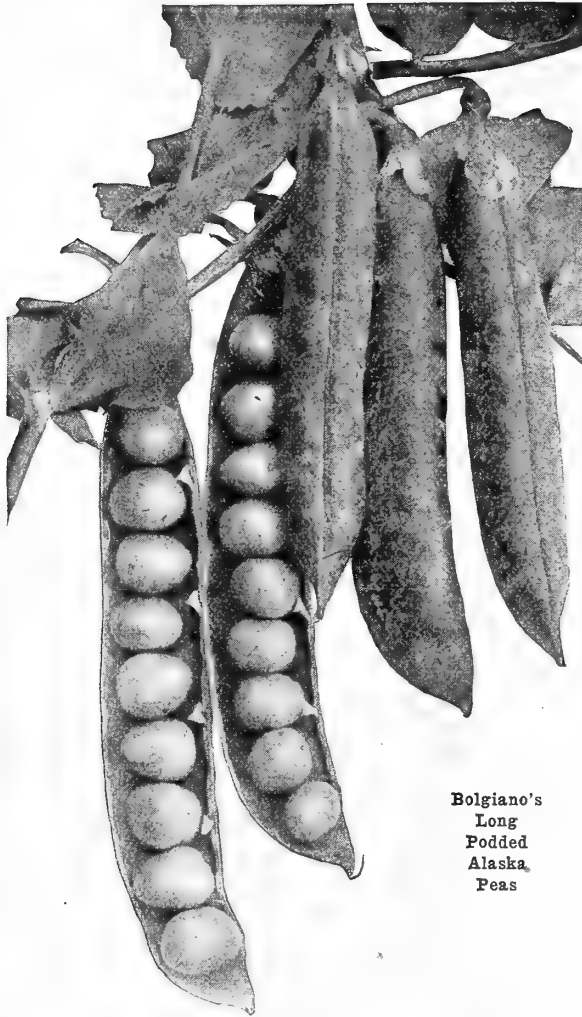
1083. *** Bolgiano's Wonder Worker Pea.** One of the very best early wrinkled varieties. Vines grow about 2½ feet high and are very hardy. Produces pods of medium dark color, and is always a good seller.

1307. *** World's Record Pea.** A very good variety of the early wrinkled sort for general crop. Vines grow from 30 to 36 inches high. Pods are large, rather blunt pointed, and the peas are of a very fine flavor. Matures from 5 to 7 days earlier than the Gradus.

1078. *** Thomas Laxton.** A cross between Gradus and one of the extra early sorts. It ripens within a day or two of the earliest round varieties. Height 30 inches.

1072. *** Gradus, or Prosperity Peas.** Gradus is in condition to pick about 4 days after our Early Triumph. The Pods are large, well filled with deep green Peas of the finest quality. Height 3 feet.

1310. **Willets Wonder Peas.** Very Early, Prolific, very hardy, will stand extremely cold weather. This is a round seeded variety with pods like the Alaska. The Peas are small sweet and tender.



Bolgiano's
Long
Podded
Alaska
Peas

yielder. Beautiful light green color. Pods about three in. long containing from seven to eight Peas of most delicious flavor. Excellent for market and shipping.

Second Early and General Crop Varieties

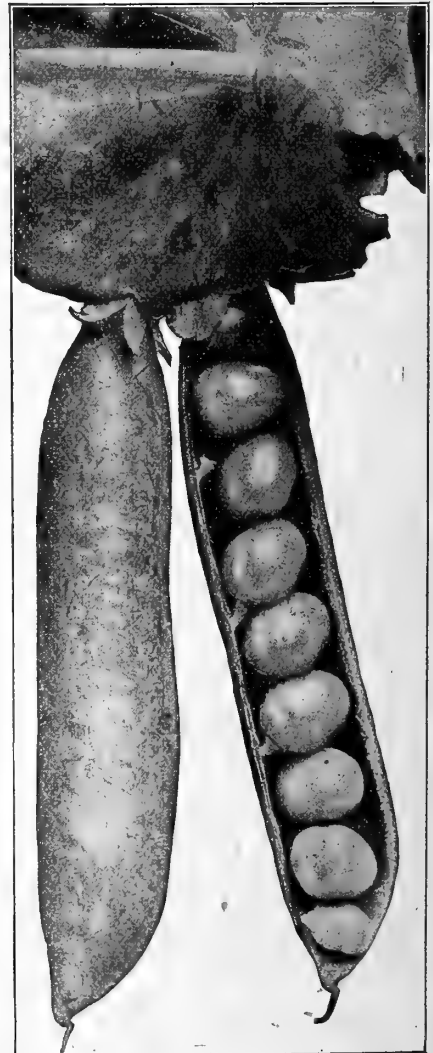
1089. ***Bolgiano's Cracker Jack Pea.** Height 2½ feet.
 1231. ***Horsford's Market Gardeners' Pea.** One of the largest yielding second early Peas in cultivation. Only 2 feet high. The pods are borne in pairs.
 1098. ***Juno.** 2 feet high. Large pods filled with large dark green Peas of delicious flavor.
 1100. ***Duke of Albany.** 4 feet high. Dark green pods, prolific.
 1277. ***Bolgiano's Victory Pea.** Beautiful dark green pods 5½ to 6 inches long, filled full of delicious large Peas.
 1090. ***Dwarf Giant Podded Prolific Green Marrow Pea.** Bears enormous, handsome pods 7 to 8 inches in length, filled with large deep green Peas; requires no support. Height 2 feet.
 1303. ***Edible Podded Mammoth Melting Sugar.** The vines reach a height of about 4 feet. The pods are borne in great profusion. They should be gathered when the seeds are just beginning to form. They are broken in pieces the same as string beans and make a delicious dish.
 1199. ***Dwarf Gray Sugar.** Grow 18 inches high and produce a heavy crop of small flat pods. The pods are gathered, broken and cooked like string beans when the peas begin to develop in the pod.
 1110. ***Stratagem.** Very large pods. Peas of finest quality. Height 1½ feet.
 1093. ***Champion of England.** A well-known, standard variety. Height 5 feet.
 1218½. ***Alderman.** (Admiral Dewey). Extra large, dark green pods, on order of Duke of Albany. Very fine. Height 4 feet.
 1085. ***Telephone Improved.** Robust habit. A single vine produces 18 to 30 unusually long well-filled pods of larger size containing 10 to 12 Peas, often forming a double row, of fine flavor. Height 5 feet.
 1102. ***Everbearing.** A long time in bearing. Peas large, pods long, 1½ feet high.
 1086. ***Daisy, or Dwarf Telephone.** Plants stout, self-supporting, heavy cropper. Height 1½ feet.
 1094. ***Dwarf Champion.** A dwarf growing Champion of England. Height 2 feet.

Extra Early Varieties (Round Seeded)

1295. **Bolgiano's Morning Glory Pea.** The earliest of all round seeded varieties.
 1289. **Pilot Peas.** Pods and Peas are nearly as large as those of the Gradus and produced three days earlier.
 1029. **The Hustlers.** Bolgiano's extremely early, handsome green podded Peas. Heights 2½ feet.
 1087. **Long Podded Alaska Pea.** A very good early shipper, and being a hard seeded variety, it can be planted early. Vines grow about 3 feet high, with pods 3 to 3½ inches long, of an attractive frosty, deep green color, of very fine flavor.
 1260. **Bountiful Peas.** Bears an abundance of beautiful, green pods, crowded with delicious Peas. Extremely early. Height 2½ feet.
 1202. **Prolific Early Market.** Not quite so early as the Pedigree, but the most productive of all the Extra Early Peas. Beautiful large pods, fine quality, one of the best Peas ever introduced. Height 2½ feet.
 1071. **Bolgiano's Extra Early Alaska Peas.** By careful selection and thorough roguing we have a fine stock that is unequalled. Height 2½ feet.
 1070. **Bolgiano's Extra Early Triumph Peas.** Height 2½ feet.
 1201. **Pedigree Extra Early.** Also known as "The New Early Pea." Extremely early, wonderfully productive and exceptionally uniform stock. Height 2½ feet.
 1016. **Ameer Peas.** An exceptionally profitable Early Pea. Green seed. Height 2½ feet.
 1302. **Potlatch Peas.** An excellent market garden Pea bearing an abundance of large pods filled full of delicious beautiful green Peas.
 1074. **First and Best.** First-class selected strain of extra early earlies. Height 2½ feet.
 1075. **Rural New Yorker.** Fine shape; prolific, extra early.
 1088. **Bolgiano's Early Prolific Good Luck Peas.** Ripens a few days later than the Extra Early Alaska. Vines from 24 to 30 inches high. A very heavy yielder. Produces pods about 3 inches long, well filled with attractive light colored peas of very fine flavor.

1077. **Improved Sugar Marrowfat Pea.** Luxurious growth and abundant, large and handsome pods. Height 3 feet.

1301. **Market Surprise.** A littler later than the Pedigree. Prolific



Thomas Laxton Peas

One Ounce to 100 Feet of Drill
4 to 5 Pounds for the Acre

Parsnip

PANAIS
Cherija
Bastiflen

We Pay Postage on Pkts.,
Ozs., ¼ Lbs. and Lbs.

219. **Bolgiano's Hollow Hub Parsnip.** Hollow Hub Parsnip is hollow crowned to a remarkable degree; it has firm, tender flesh, a delicious delicate flavor, almost entirely without core. In growth it is small and uniform. In fact, Hollow Hub Parsnip is as perfect as it is possible to produce by the most careful selection and breeding. Grow the best, it costs but little more and it pays so much better.

220. **Hollow Crown Sugar Parsnip.** Has thick shoulders, tapers symmetrically to a single tap root. Roots run uniformly smooth, with fine-grained flesh, and good quality.

569. **Guernsey.** (Improved Half Long.) The roots do not grow as long as the Hollow Crown, but are of greater diameter. A heavy cropper. The roots are very smooth; the flesh is fine-grained and of most excellent quality.

Pkts., Ozs. and ¼ Lbs.
Delivered Free

Pepper

PIMENT
Pimiento
Pepper

Parcel Post Rates,
see Page 1

Culture. Sow in hotbeds in March, and when the soil has become warm, set in rows 3 feet apart and 24 inches in the row; hoe frequently; the plants may also be forwarded in small pots.

163. **Bolgiano's Early Scarlet Mammoth Pepper.** Very early and large. Measure from three to three and one-half inches across the top. It is a brilliant red when ripe and the flesh is very sweet and mild.

226. **Chinese Giant.** Most popular of the older varieties. Ripens early, is of good size and flavor. Flesh is rather thick. This variety is a very good shipper.

396. **World Beater.** The largest and heaviest yielder of all and one that will bear until frost.

233. **Neapolitan.** Very early but is much longer than the other early varieties. It usually measures from three and one-half to four inches in length. Plants grow two feet high and are well branched. They bear heavily throughout the season. They are bright red when matured and the flavor is very mild.

227. **Ruby King Selected Stock.** Well known for its hardiness and its blight resistant qualities. A general favorite where early peppers are grown for shipment, especially throughout the South. The flesh is thick and mild and it is used extensively for stuffed peppers.

562. **Sweet Bull Nose.** A Standard early variety. The plants grow vigorous and stocky, and carry the fruit well throughout the season. This pepper is slightly smaller than our Ruby King, and not quite as mild.

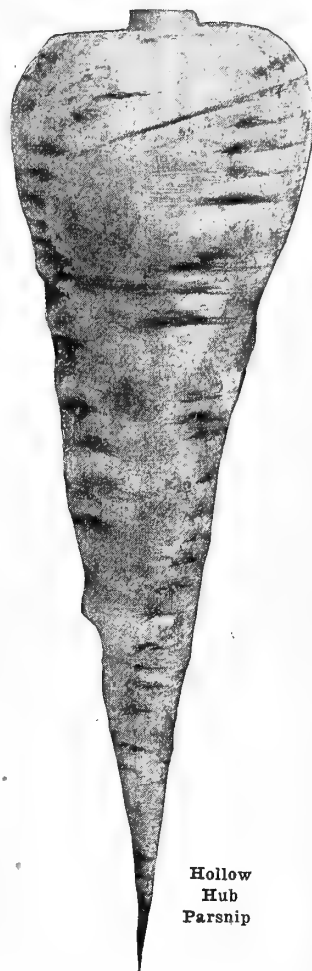
229. **Sweet Mountain.** Very popular because of its sweet mild flavor, and large size. This variety is quite a picture, when it is fully matured, as it frequently measures 4 inches across the top, and equally as long, slightly tapered. It is colored a deep scarlet, slightly shaded with a reddish brown around the stem, which is of medium green.

560. **Red Chili.** This variety grows a plant about 20 inches high and about 18 inches across. The fruit grows 3 inches long and about ¼ inch thick, tapering off to about one-half this thickness to the point, and is slightly curved. It is of brilliant red color, and the flavor is very hot. This variety is a very heavy yielder, it is used mostly for pickling and spices.

561. **Long Red Cayenne.** About 1 inch longer than Red Chili, and matures a few days later, but is equally as hot in flavor. This is the heaviest yielder of the thin varieties.

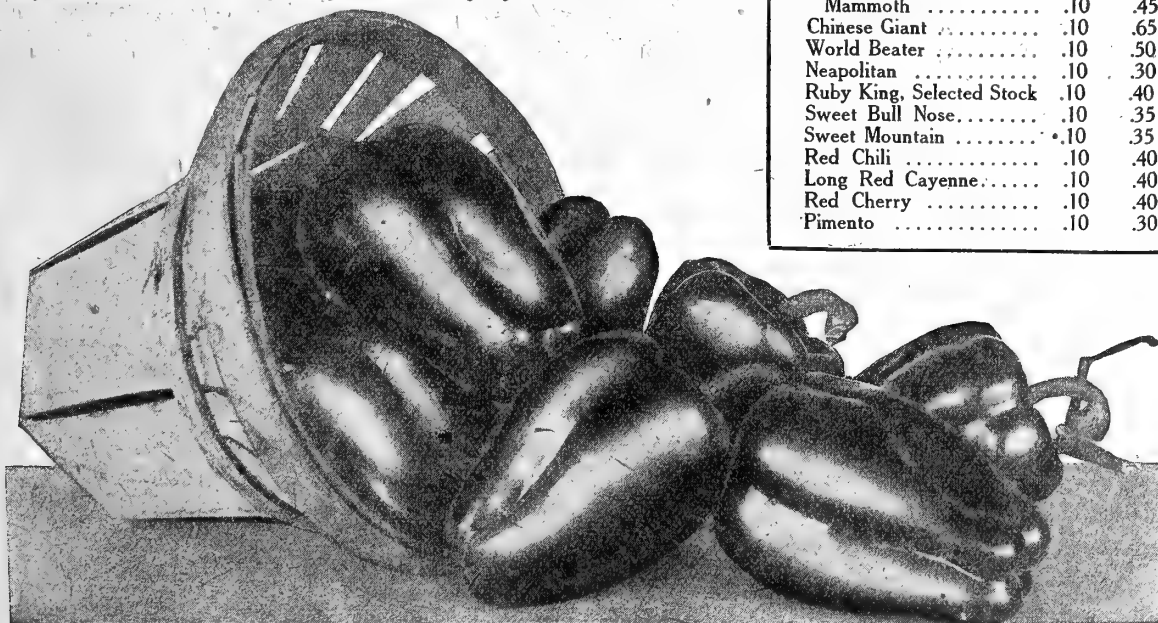
563. **Red Cherry.** A second early variety. Plants grow rather tall and slim, the fruit is about 1 inch in diameter very round, bright red in color and very hot. The plants of this variety are quite attractive when full fruited.

485. **Pimento Pepper.** Produces a hardy plant, about 30 inches high, which is very productive. The fruit is cone shaped, measuring 2½ inches across the top, and 3 inches long. The color is bright red, and the flesh is much thicker than other varieties, while the flavor is mild and very desirable. The variety is used extensively by canners.



Hollow
Hub
Parsnip

PARSNIP	Pkt.	Oz.	¼ Lb.	1 Lb.
Bolgiano's Hollow Hub...	.10	\$.15	\$.30	\$.90
Hollow Crown Sugar....	.10	.15	.25	.75
Guernsey .....	.10	.15	.25	.75
PEPPER				
Bolgiano's Early Scarlet				
Mammoth .....	.10	.45	1.25	4.50
Chinese Giant .....	.10	.65	2.25	8.00
World Beater .....	.10	.50	1.25	4.00
Neapolitan .....	.10	.30	1.00	3.50
Ruby King, Selected Stock .....	.10	.40	1.10	3.75
Sweet Bull Nose.....	.10	.35	1.00	3.50
Sweet Mountain .....	.10	.35	1.00	3.50
Red Chili .....	.10	.40	1.15	4.00
Long Red Cayenne.....	.10	.40	1.15	4.00
Red Cherry .....	.10	.40	1.15	4.00
Pimento .....	.10	.30	.90	3.00



Northern Grown Seed Potatoes

POMME DE TERRE Patatas Kartoffeln

Because of market fluctuations, we are not quoting prices in this catalogue. Write us for prices when you are ready to buy

DU PONT SEMESAN BEL

America's PREMIER Potato Disinfectant

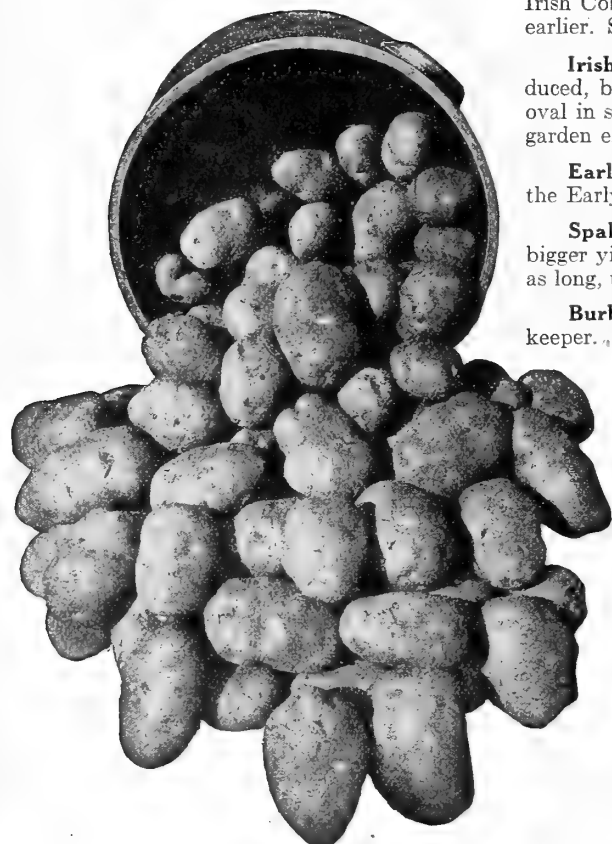
SEMESAN BEL is the new instantaneous dip treatment for both white and sweet potatoes that is fast replacing all formerly practised methods of disinfection. It is quickly applied as a white-wash-like dip to



HARVESTING SEMESAN BEL TREATED POTATOES IN IDAHO

either whole or cut seed pieces and not only preserves and does not harm the seed pieces, but actually promotes sprouting, influences earlier maturity, increases yields from 25 to over 50 bushels per acre and effectively controls the common seed-borne diseases. Ask for Semesan Bel booklet completely describing and illustrating the results obtainable with Semesan Bel and the methods of applying it. Prices: 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50; 50 lbs., \$72.50; 100 lbs., \$140.00.

Culture. Any good, well drained, fibrous loam will produce Potatoes under right climatic conditions. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seed-bed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, Potato beetle and blight. 8 to 10 bushels will plant an acre.



Dakota Red or Jersey Red



Bolgiano's Trust Buster

Bolgiano's Trust Buster Potato. This variety will insure you a crop that will be far beyond your expectations. It is of medium large size, with very smooth skin. It is mealy when cooked, and has very fine flavor.

Red Bliss Triumph or Improved Red Bermuda. One of the earliest varieties grown. Its great productiveness, handsome color and resistance to disease make it most popular.

Early Round Six Weeks. A very early variety, slightly resembles the Irish Cobbler in shape but is about one-third smaller, and a week or ten days earlier. Skin is red but flesh is pure white.

Irish Cobbler. The most widely known and planted potato ever introduced, because of its earliness, uniformly good size and quality. Round to oval in shape, smooth skin, pure white flesh and should have a place in every garden either for the market or home use.

Early Ohio. One of the standard early varieties. A full week earlier than the Early Rose, oblong in shape, quality good, cooks dry and mealy.

Spalding No. 4 Ex-Early Rose. Selection of the Early Rose, is earlier, a bigger yielder and a decided improvement on the old variety. Does not grow as long, the tubers being shorter, inclining to round.

Burbank. The old standard variety, fine quality, good cooker and splendid keeper.

Bolgiano's Famous Prosperity Potato. Yields fine crops of even, fine, smooth, large Potatoes under the most unfavorable circumstances. Flesh is as white as snow and cooks dry and mealy.

Carman No. 3. Most successful of the Carmans; heavy yielder.

Green Mountain. A very popular main crop Potato.

Rural New Yorker. Second early, large smooth, white, very productive.

Sir Walter Raleigh. Big cropper, flesh white, superior quality, fine grained.

Dakota Red also called Jersey Red. This potato is fast taking the place of the McCormick, which it equals, in yield and keeping qualities and its cooking quality is far superior, it cooks dry and mealy, skin is red, flesh pure white.

Radish

RADIS ET RADE
Rabanos y Rabanitos
Rabitz und Rettig

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

2 Ozs. to 100 Feet of Drill

Culture. Sow as soon as the ground is dry in the Spring, in rows 12 to 18 inches apart, every week or 10 days for succession, up to the middle of June, after which they are little used, unless a cool northern spot can be found where the ground is shaded during part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early Fall for late crops and Winter use. Sow 8 to 12 pounds to the acre. Radishes should be eaten when quite small; it is a mistake to let them grow too long and too large. This applies, particularly to Ruby King and small turnip-shaped sorts.

230. Bolgiano's Extra Early Ruby King Radish. Bolgiano's Extra Early Ruby King Radish is by far the best extra early radish. Olive shape, bright glistening scarlet color, small tops, very solid and crisp. Equally good for forcing or open ground culture.

258. Bolgiano's Strawberry Radish. A delicious, crisp, tender, brilliant red radish, perfect globe shape, very early matures in about three weeks. We are sure it will please you, try it.

9. Bolgiano's Tip Top White Tip Radish. The earliest of white tip varieties. Color bright red with a pure white tip, very solid, and of mild flavor, does not get pithy.

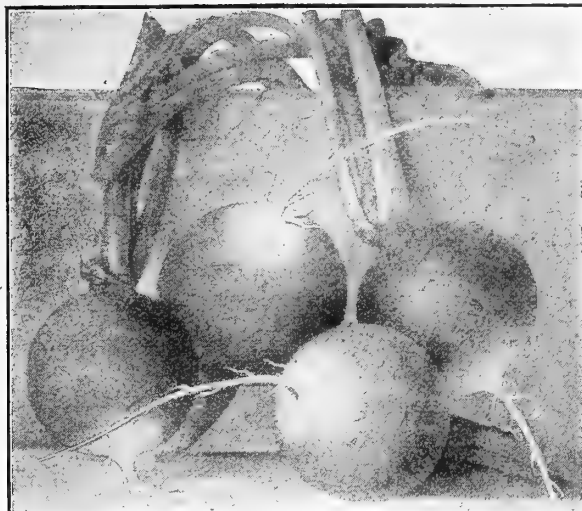
238. Bolgiano's Round Scarlet Globe Radish. Rich, scarlet color, faultless shape, matures in 20 days.

239. Scarlet Turnip White Tip Radish. Round, bright scarlet, attractive, white tip, matures in 25 days.

241. Vick's Scarlet Globe Radish. A leader among bright, round, red Radishes. Quick maturing, extremely attractive, short tops, solid and fine flavor.

240. Crimson Giant Globe Radish. Originator's Stock Seed. This is an entirely new variety, suitable for forcing or early outdoor planting.

235. French Breakfast Radish. Quick growth, mild, tender, good for forcing.



Scarlet Turnip White Tip Radish

231. Felton's Model or Philadelphia White Box Radish. Handsome and early, with fewer short leaves, hence can be sown thickly in the row.

538. Rosy Gem. Everybody wants this pretty, crisp, tasty little French Radish, so showy with its brilliant cardinal red, contrasted with its immaculate white.

500. Early Snowball. Forcing White Turnip Radish. Earliest, round, white, solid.

509. Prussian Globe Radish. It is a globe shape of a crimson color, short top and will stand forcing.

248. Bolgiano's Solid Crimson King. Double the size of the ordinary early turnip-shaped Radishes, this one often measuring 6 to 7 inches in circumference; the shape varies between round and oval; adapted for either open ground or forcing.

Early Long Varieties

255. Improved Early Long Scarlet Short Top. The finest strain of the most popular Radish. The long, slender, handsome red roots are most attractive. They are ready in about 25 days. Crisp, brittle and of choicest quality. Length 5 to 6 inches.

252. Cincinnati Market. A strain of the Long Scarlet, growing to slightly larger size, fully as early and darker in coloring.

537. Early Frame. This is an extra early strain of the Long Scarlet, Short Top, largely used for growing under glass.

249. White Pearl Forcing. Bolgiano's Extra Early Long Radish. Sweet, crisp flavor, very popular and profitable.

257. White Icicle Radish. Introduced from Europe, is one of the finest and longest of the very early, pure white varieties.

253. Lady Finger or White Vienna. Long white, very early, attractive.

557. Half Long Deep Scarlet. Very popular in the New Orleans Market.

256. Short White Chinese Winter or Celestial Radish. The best of all Winter Radishes.

254. White Strasburg Radish. The most popular Summer Radish; of oblong shape, tapering to a point. Skin and flesh are pure white, almost transparent; very tender, of a delightful pungent state.

243. Large White Globe Summer. Deliciously mild and sweet.

244. Giant White Stuttgart. An immense white summer radish.

247. Chartier or Shepherd. Long, crimson, tipped with white.

5 lbs. and over .10c per lb. less, transportation extra

RADISH	Pkt.	Oz.	$\frac{1}{4}$ Lb.	1 Lb.
Bolgiano's Extra Early Ruby King .....	.10	.15	.35	1.00
Bolgiano's Strawberry .....	.10	.15	.35	1.00
Bolgiano's Tip Top White Tip .....	.10	.15	.25	.90
Bolgiano's Round Scarlet Globe .....	.10	.15	.25	.90
Scarlet Turnip White Tip .....	.10	.15	.25	.85
Vick's Scarlet Globe .....	.10	.15	.25	.85
Crimson Giant Globe (Originator's Stock Seed) .....	.10	.15	.25	.85
French Breakfast .....	.10	.15	.25	.90
Felton's Model or Philadelphia White Box .....	.10	.15	.25	.90
Rosy Gem .....	.10	.15	.25	.90
Early Snowball Forcing White Turnip .....	.10	.15	.25	.90
Prussian Globe .....	.10	.15	.25	.85
Bolgiano's Solid Crimson King .....	.10	.15	.25	.85
New Sparkler White Tip Red .....	.10	.15	.25	.90

EARLY LONG RADISH

Improved Early Long Scarlet Short Top .....	.10	.15	.25	.90
Cincinnati Market .....	.10	.15	.25	.90
Early Frame .....	.10	.15	.25	.90
White Pearl Forcing Bolgiano's Ea. Long .....	.10	.15	.25	.90
Lady Finger or White Vienna .....	.10	.15	.25	.90
White Icicle .....	.10	.15	.25	.90
Half Long Deep Scarlet .....	.10	.15	.25	.90
Bolgiano's Long Red Glass .....	.10	.15	.25	.90

WINTER RADISH

Short White Chinese Winter or Celestial .....	.10	.15	.25	.90
Osaka .....	.10	.15	.25	.90
Round White Spanish .....	.10	.15	.25	.90
Chinese Rose Winter .....	.10	.15	.25	.90
Long White Spanish Winter .....	.10	.15	.25	.90
Long Black Spanish Winter .....	.10	.15	.25	.90

SUMMER OR AUTUMN RADISH

White Strasburg .....	.10	.15	.25	.90
Large White Globe Summer .....	.10	.15	.25	.90
Giant White Stuttgart .....	.10	.15	.25	.90
Chartier or Shepherd .....	.10	.15	.25	.90

Salsify or Oyster Plant

SALSIFY
Ostion Vegetal
Salerbourg

1 Oz. to 100 Feet of Drill.
8 to 10 Lbs. in Drills for an Acre.
25 to 35 Lbs. Broadcast for an Acre.

Parcel Post Rates, see Page 1

Culture. Sow as early as the ground can be worked in the Spring, in drills 12 inches apart; 1 inch deep, and thin out to 6 inches to the row. Keep them free from weeds. Cultivate the same as Carrots and Parsnips. Sow 8 to 10 pounds to the acre. One ounce to 100 feet of drill.

275. Bolgiano's Great Giant Salsify. The largest, purest and best Salsify to grow.

276. Sandwich Mammoth White Salsify. Superior in quality, pure white color, very meaty and fine flavor. Our stock unusually good, grows so large and shapely.

Rhubarb or Pie Plant

Culture. The seed should be sown in a shallow drill, using 1 ounce to 150 feet of row. When well started, thin to stand 10 to 12 inches apart. The stalks should not be gathered until the plants have had a full season's growth.

Rhubarb Roots. Roots listed below, if planted in good soil in the Spring, will make a strong growth and yield stalks for market the following spring.

Myatt's Victoria. The most popular variety; comes quite true from seed.

2-Year Old, Extra Large Fine Roots.

We Pay Postage on
Pkts., Ozs., ¼ Lbs.
and Lbs.

Spinach

EPINARD
Espinaca
Spinat

1104. Curled Leaf Savoy or Bloomsdale. A standard variety, used extensively, by large growers for their main crop, both in the Fall and Spring. Grows a large, crimped, curled, dark green leaf with very short stem. The plants on well fertilized soil, when not allowed to stand too closely together, will grow from 10 to 12 inches across the top. This variety is an excellent shipper. Our stock of this variety has been carefully grown, to keep it the true curled type.

605. Princess Juliana. New very dark green curled long-standing variety will stand longer in the spring without shooting to seed than any other variety.

1232. Triumph Spinach. This excellent new Spinach is nearly double the size of the Victoria and has all its good qualities. Very profitable for market gardeners and shippers.

1000. Long Season Spinach. This variety is especially adapted for Summer sowing, as it remains in perfect condition a long time, before going to seed.

1106. Improved Curled Long Standing. A very good variety for small spring sowing.

1107. Victoria Spinach. The foliage is heavy, the broad, dark green leaves are of the finest quality.

1109. Monstrous or Viroflay. This variety under severe tests, has proven to be the most hardy of all. Color is dark green, leaves grow slightly pointed and with more stem than the savoy. Plant grows very large when the soil is well fertilized, grows closely to the ground, and stands the severe winters well.

444. King of Denmark Spinach. A very popular variety of recent introduction, and has proven very successful to grow in hot weather. The color is darker green than most varieties, and the leaves are well crimped and very attractive.

1108. Long Standing, Thick-Leaved Spinach. Leaves are large, thick, fleshy, and crumpled, fully equal to the Savoy Leaf.

1262. New Zealand Spinach. This variety endures heat and drought; excellent for Summer use.

SALSIFY OR OYSTER PLANT

	Pkt.	Oz.	¼ Lb.	1 Lb.
Bolgiano's Great Giant...	.10	\$.25	\$.70	\$2.50
Sandwich Mammoth White	.10	.25	.65	2.25
Large White	.10	.25	.65	2.25

RHUBARB OR PIE PLANT

Myatt's Victoria	.10	.15	.45	1.50
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RHUBARB ROOTS 2 YEAR OLD

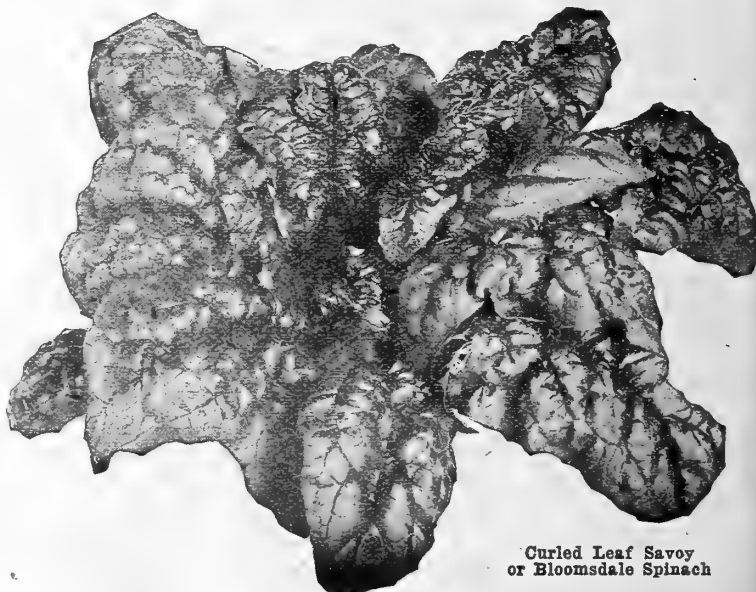
	Each	1 Doz.	100
Extra Large Fine Roots	\$.25	\$2.00	\$15.00

SPINACH

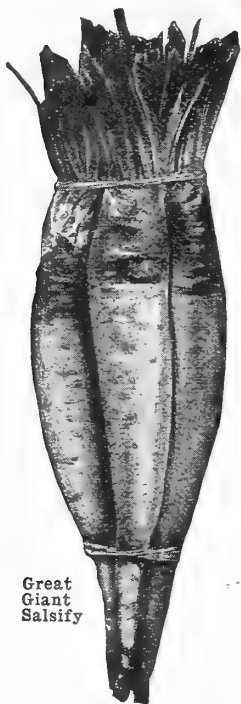
	Oz.	¼ Lb.	1 Lb.
Curled Leaf Savoy or Bloomsdale	\$.10	\$.15	\$.40
Princess Juliana	.10	.25	.60
Long Season	.10	.15	.40
Long Standing Savoy Reselected	.10	.25	.60
Improved Curled Long Standing	.10	.15	.40
Victoria	.10	.15	.40
Monstrous or Viroflay	.10	.15	.40
King of Denmark	.10	.15	.50
Triumph	.10	.15	.45
New Zealand	.10	.30	1.00

10 lbs. and over 10c lb. less, transportation extra.

Write for special prices in large quantities



Curled Leaf Savoy
or Bloomsdale Spinach



Great
Giant
Salsify

Squash

Courge
Calabaz
Spelze Kürbis

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

1 Oz. Bush Varieties for 40 Hills; Large Seeded Varieties, 15 Hills; 2 to 3 Lbs. Bush; 3 to 4 Lbs. Large Seeded per Acre

Culture. Sow in hills in the same manner and at the same time as Cucumbers and Melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

Bush Varieties

329. **Fordhook Bush.** Early, sweet and dry, oblong, bright yellow, one of the handsomest and best keeping Winter varieties, also a good Summer sort.

269. **Golden Summer Crookneck Squash.** Of dwarf, bushy habit, very productive; skin yellow; flesh greenish-yellow color, dry and agreeable flavor.

265. **Extra White Bush Scalloped or Patty Pan Squash.** Good size, uniform, a heavy cropper, and early. The skin is white and the flesh fine grained and tender.

304. **Mammoth or Giant Summer Crookneck Squash.** Double the size of the ordinary Crookneck and very warty; fine for market.

585. **Cocozelle Bush.** Of compact bush growth, with dark green foliage; the fruits are oblong, 12 inches or more in length, and 4 to 5 inches in diameter. Skin dark green, with stripes of a still deeper shade.

Running Varieties

272. **Early Prolific Orange Marrow.** A very early, prolific Boston Marrow of most delicate flavor and uniform type. Suitable for Fall or Winter.

273. **Boston Marrow.** Oval, bright orange, flesh yellow. Our stock is exceptionally fine.

Pumpkins

POTIRON
Calabaza
Große Kürbis

Culture. May be planted middle of Spring among Indian Corn or in field or garden, in hills 8 to 10 feet apart each way, 4 seeds in a hill; in other respects are cultivated in same manner as Melons and Cucumbers; avoid planting near other vines. 2 Lbs. to acre.

274. **Improved Winter Crookneck or Cushaw.** Mottled green and white; flesh is yellow, solid, fine grained and sweet; excellent for pies.

1058½. **Kentucky Large Field.** Flat, fine for Pumpkin pies, Winter, etc.

225. **Sweet Potato Pumpkin.** Finest variety for table.

365. **Winter Luxury.** A superior pie Pumpkin, small but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter, color golden-russet, finely netted; flesh deep golden, sweet and tender.

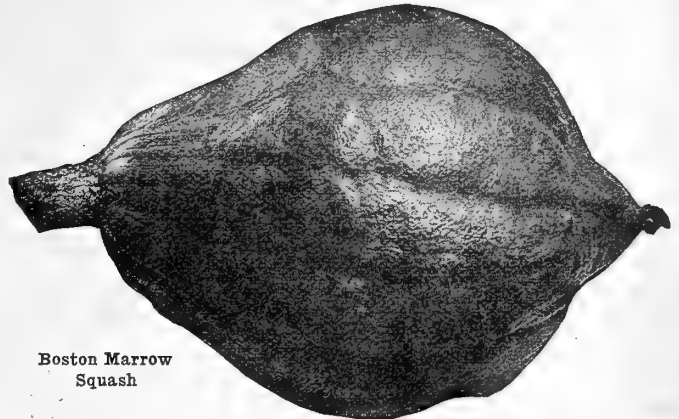
402. **New England Pie or Sugar Pumpkin.** A small, round sort; very sweet, fine grained and of the best quality.

403. **Japanese Pie Pumpkin.** A large, crookneck sort. Skin green, striped yellow; flesh yellow and of fine quality.

89. **Large Cheese Pumpkin.** Forms flat like a cheese; a sure cropper and extensively grown for canning.



Early Dawn Squash



Boston Marrow
Squash

331. **Bolgiano's Extra Early Dawn Squash.** The earliest and finest white Bush Squash.

501. **Extra Early Jersey White Bush.** An extra early strain of the White Bush.

267½. **Mammoth White Bush Scalloped.** Frequently 12 to 14 inches in diameter.

80. **The True Hubbard Squash.** Vines of strong running growth; fruits large, olive shape, with dark green skin, very rich flesh. An excellent keeper and of splendid quality. Our strain is extra fine.

330. **Chicago Warted Hubbard.** A superior strain of mammoth size with skin heavily warted.

102. **King of the Mammoth or True Potiron.** The Great Prize Pumpkin growing the largest of all, from 100 to 200 pounds in weight, bright yellow, tender, excellent.

364. **Golden Oblong Pumpkin.** Produces oblong, bright, orange colored fruits of good size, with rich colored flesh.

1069. **Connecticut Field or Large Yellow Pumpkin.** Excellent for stock feeding.

SQUASH	Pkt.	Oz.	¼ Lb.	1 Lb.
Fordhook Bush	\$.10	\$.15	\$.40	\$1.25
Golden Summer Crookneck.....	.10	.15	.30	1.00
Extra White Bush Scalloped or Patty Pan .....	.10	.15	.25	.85
Mammoth or Giant Summer Crookneck .....	.10	.15	.35	1.25
Cocozella .....	.10	.15	.45	1.50
Bolgiano's Extra Early Dawn.....	.10	.15	.40	1.25
Extra Early Jersey White Bush..	.10	.15	.25	.85
Mammoth White Bush Scalloped..	.10	.15	.40	1.25
Early Prolific Orange Marrow....	.10	.15	.30	1.00
Boston Marrow .....		.10	.25	.80
The True Hubbard.....	.10	.15	.35	1.10
Chicago Warted .....	.10	.15	.40	1.25

PUMPKINS

Improved Winter Crookneck or Cushaw .....	.10	.15	.40	1.25
Kentucky Large Field.....		.10	.25	.75
King of the Mammoth or True Potiron .....	.10	.15	.40	1.25
Golden Oblong .....	.10	.15	.40	1.25
Connecticut Field or Large Yellow	.10	.25	.75	
Sweet Potato .....	.10	.15	.30	1.00
Winter Luxury .....	.10	.15	.30	1.00
New England Pie or Sugar.....	.10	.15	.30	1.00
Japanese Pie .....	.10	.15	.30	1.00
Large Cheese .....	.10	.15	.25	.75
Small Sugar Pumpkin.....	.10	.15	.25	.85



Bolgiano's John Baer Tomato

TOMATO

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

French
POMME D'AMOUR

German
LIEBESAPFEL

Italian
POMO D'ORO

Spanish
TOMATE

Culture. Big crops can be had from a few Tomato Vines, not a garden should be without Tomato Plants. Well prepared soil is one of the secrets of growing good Tomatoes. First loosen the top soil 8 inches deep by turning it over same as a plow furrough, and before turning the top soil again, loosen the sub-soil 15 inches deep. Be careful not to turn the sub-soil to the top. If you are using a plow you should have a sub-soil plow to follow in the furrough of your top-soil plow. This is important as Tomatoes must have well drained soil to do their best, and the very best way to drain the soil is through the sub-soil. When the moisture is stored there, it will supply the plant with moisture during the long dry season that is likely to come.

Second. Seed that has been saved from selected stocks is very important to grow the kind of plants to set out. The seed should be sown in hotbeds or in the house March 1st. When the plants are 2 inches high transplant to 3 inch pots, as pot grown plants are the best. They are more prolific and will last longer when set out without disturbing the roots. The early varieties should be planted outdoors just as soon as danger of heavy frost is over, and cool nights should be protected by paper caps that can be easily made from old newspapers. There are several methods of handling the plant after they are planted out. Some plant 4 feet each way and allow the plants their own freedom, others plant 3 feet in rows and 18 inches in the row, and tie up to stakes. If this method is used the vine should be pruned to single stem. Well rotted manure worked through the soil will add to your yield. You cannot get the soil too rich for such varieties as the John Baer, Bolgiano and the Glory. One ounce of seed to 3,000 plants.

Red Tomatoes

600. **Bolgiano's Monumental Tomato.** (Specialty, see page 2.)

460. **The Bolgiano Tomato.** Two weeks earlier than the Earliana. First fruit as good as the prime of the season. A solid mass of red, meaty flesh. Skin tough, flesh tender and sweet. Stands long-distance shipping perfectly.

234. **Bolgiano's John Baer Tomato.** A perfect high crown tomato entirely free from core, an enormous yielder setting its fruit in clusters, ripens evenly up to the stem end. Mild deliciously sweet flavor with very few seeds. Brilliant glistening red color. Skin tough which makes it a good shipper, this also is a decided advantage to the canner as it may be removed quickly without waste.

277. **Bolgiano's Extremely Early IXL.** One of the largest of the extra early smooth varieties. Beautiful brilliant red color, very prolific and a splendid shipper. Some of our customers have been growing this variety since we introduced it 20 years ago.

77. **Bolgiano's My Maryland.** Since its introduction by us has made a host of friends who simply refuse to use any other variety. It is an exceptionally heavy yielder of uniform well-shaped solid, smooth, bright red fruit, free from cracks. It is very deep through from stem to blossom end. A second early or main crop variety.

279. **Bolgiano's Greater Baltimore Tomato.** The greatest canning tomato ever introduced, without a superior for size, shape, color and yield. Makes a crop under more adverse weather and soil conditions than any other known sort. Outyields the best cropping varieties. Ours is the original pedigree stock.

310. **Bolgiano's Prosperity.** The Wonder Among Early Tomatoes. A brilliant red, an enormous yielder. Grown and developed from single plant, selections covering a period of years, filled full of strong, sturdy, healthy, new blood.

378. **Bolgiano's Glory Tomato.** Produces at every joint large clusters of good size, smooth, firm, beautifully shaped fruits. At times the vines are so full they can hardly hold all the fruit. They ripen evenly and color up well. Keep vigorous and green until frost and are then full of fruit.

407. **Bolgiano's Victory Tomato.** Early, full of vim, new life and health, free from wilt, blight, disease, perfect shape, high crown fruit, entirely free from core, firm, solid and meaty, beautiful brilliant red color, perfectly smooth and even, mild, refreshing, delicious flavor. A marvelous yielder.

420. **Bolgiano's Baltimore Baer Tomato.** Beautifully shaped, perfect, high crown, free from core, firm, solid and heavy. A very heavy yielder. Early, free from wilt and blight.

Red Tomatoes—Continued

311. **Bolgiano's Florida Special Tomato.** Almost globe shaped, beautiful red color, fine flavored, firm, solid, very prolific and about as early as Earliana. A most excellent shipper standing long distance shipping from Florida to Northern markets exceedingly well. It is bred to resist blight.

284. **Bolgiano's Great B. B. Tomato.** Used successfully for early and late crops.

332. **Bonny Best Early Tomato.** This is a very early and very popular variety, quite as early as the best strains of Earliana Tomato; it is a vigorous grower, enormously prolific, with splendid foliage and of an intense velvety glowing scarlet color; ripens evenly all over.

287. **Chalk's Early Jewel.** Very fine sort; large, solid, smooth, bright red.

286. **Sparks' Earliana Tomato.** It is remarkable for its earliness, very large size, handsome shape and bright red color.

288. **King of the Earlies Tomato.** Large and productive. Very early.

307. **Stone Tomato.** We have the true stock, free from rust and blight, of this valuable Tomato.

572. **Red Rock Tomato.** A fine, large, solid, smooth Tomato, of very fine, red color. A heavy producer and an excellent shipper.

300. **Trophy.** Very large, solid, extra selected; free from roughness of the old strains.

298. **Brinton's Best.** As a second early and late cropper it is a favorite with canners and truckers.

285½. **World's Fair.** One of the heavier, solid fruited, large Tomatoes of good quality.

285. **Matchless Tomato.** Vigorous, healthy vines are crowded with beautiful fruit of largest size and solidity. First-class shipper.

524. **Maul's Success Tomato.** Large, red, main crop.

312. **Livingston's Paragon.** Bright, red, round; very productive.

308. **Livingston's Favorite.** Large, smooth, productive and a good shipper.

309. **Perfection.** Early, regular and productive, reddish scarlet.

347. **Ten Ton Tomato.** One of the heaviest yielding red Tomatoes.

Pink Tomatoes

280. **Bolgiano's Prizetaker Tomato.** If picked while yet green, it ripens gradually into a rich, glossy, crimson color, and this makes it one of the best shippers for early market. It is smooth, solid and heavy, and holds the size from the first to the last crop.

289. **Dwarf Champion.** Dwarf, stiff habit, dark green foliage, scarcely needing any support. It is very early and wonderfully prolific. Color same as Acme. It is perfectly round and smooth, of medium size.

281. **Redfield Beauty.** It is a vigorous grower, long and heavy yielder; fruit is perfect shape, with a skin that is hardy, making it an excellent shipper.

264. **Livingston's Globe.** This splendid Tomato is attracting a great deal of attention among Southern Shippers. As a Tomato for the early market, it will pay you to give it a trial.

282. **Livingston's Beauty Tomato.** Large, smooth, dark pinkish red, thick flesh.

268. **June Pink Tomato.** This is the Pink Earliana Tomato, and where a Pink Tomato is in demand, this will be the earliest and most profitable to grow.

291. **Improved Acme.** Very early, of medium size; perfectly smooth, very solid and a great bearer. Crimson color with a pinkish cast.

303. **Crimson Cushion.** Very large, bright scarlet, fine flavor.

607. **Willett's Tomitree Tomato.** Very prolific, perfectly smooth, attractive color. Upright or tree type therefore requires no stakes or trellis. Excellent results have been obtained from this variety in the South.

TOMATOES	Pkt.	Oz.	½ Lb.	1 Lb.
The Bolgiano	\$.20	\$.50	\$1.50	\$5.00
Bolgiano's Monumental .10&.25	.75	.25	2.25	8.00
Bolgiano's John Baer....	.10	.40	1.00	3.50
Bolgiano's Ex. Early I.X.L.	.10	.40	1.00	3.50
Bolgiano's My Maryland..	.10	.50	1.50	5.00
Bolgiano's Greater				
Baltimore .....	.10	.40	1.00	3.50
Bolgiano's Prosperity ...	.10	.50	1.50	5.00
Bolgiano's Glory .....	.10	.50	1.50	5.00
Bolgiano's Victory .....	.10	.50	1.50	5.00
Bolgiano's Baltimore Baer.	.10	.50	1.50	5.00
Bolgiano's Florida Special.	.10	.30	.85	3.00
Bolgiano's Great B. B....	.10	.30	.85	3.00
Bonny Best Early .....	.10	.40	1.00	3.50
Chalk's Early Jewel.....	.10	.25	.75	2.75
Spark's Earliana .....	.10	.25	.75	2.75
King of the Earlies.....	.10	.40	1.00	3.50
Stone .....	.10	.25	.75	2.75
Red Rock .....	.10	.25	.75	2.75
Trophy .....	.10	.25	.75	2.75
Brinton's Best .....	.10	.25	.75	2.75
World's Fair .....	.10	.25	.75	2.75
Matchless .....	.10	.25	.75	2.75
Maul's Success .....	.10	.25	.75	2.75
Livingston's Paragon ....	.10	.25	.75	2.75
Livingston's Favorite ...	.10	.25	.75	2.75
Perfection .....	.10	.25	.75	2.75
Ten Ton .....	.10	.25	.75	2.75
Bolgiano's Prizetaker ...	.10	.40	1.00	3.50
Dwarf Champion .....	.10	.40	1.10	3.75
Redfield Beauty .....	.10	.40	1.00	3.50
Livingston's Globe .....	.10	.45	1.25	4.50
Livingston's Beauty .....	.10	.30	.85	3.00
June Pink .....	.10	.45	1.25	4.50
Improved Acme .....	.10	.30	.85	3.00
Crimson Cushion .....	.10	.40	1.10	4.00
Willett's Tomitree .....	.10	.50	1.50	5.00
Golden Eagle .....	.10	.40	1.10	4.00
Yellow Pear-Shaped ....	.10	.40	1.10	4.00
Yellow Plum-Shaped ....	.10	.40	1.10	4.00
Golden Queen .....	.10	.40	1.10	4.00
Yellow Peach .....	.10	.40	1.10	4.00
Yellow Cherry .....	.10	.40	1.10	4.00
Red Cherry .....	.10	.40	1.10	4.00
Red Plum .....	.10	.40	1.10	4.00
Red Peach .....	.10	.40	1.10	4.00
Red Pear Shaped .....	.10	.40	1.10	4.00

Yellow Tomatoes

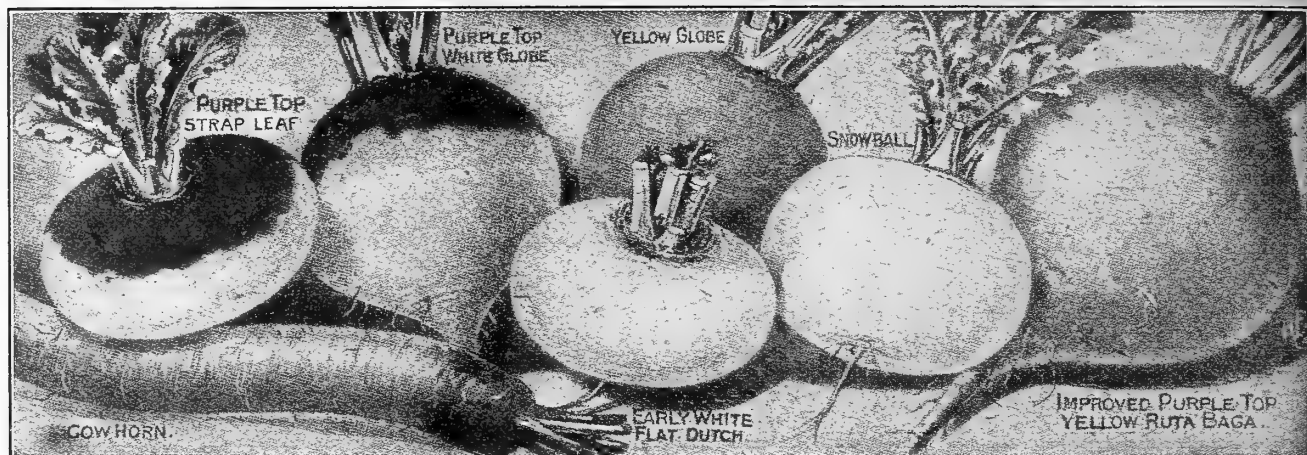
382. **Golden Eagle Tomato.** Leader of all Yellow Tomatoes. Color a rich, transparent amber; fruit smooth, fine form and deliciously flavored. It is very attractive.

383. **Yellow Pear-Shaped.** A pretty little Tomato, which is used largely for pickling and preserving purposes; very prolific.

385. **Yellow Plum-Shaped.** Little larger than the Pear-Shaped; deep yellow color, very popular for preserving.

386. **Golden Queen Tomato.** Large smooth and good, a great show Tomato at the County Fairs.

Our Tomato Seed is grown on farms where there has never been any blight and our crops are grown for the seed only and should not be compared with seed saved as a by-product of Pulp and Canning Factories.

NAVET
Weiffe-RubeNABO
NAVONE

Garden Turnips and Ruta Baga

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. The Turnips require a rich soil. When grown quickly they are more solid and tender and may be grown either as an early or late crop. For an early crop sow early in Spring soon as soil can be worked in drills 18 inches apart. Thin out to stand 3 inches apart. These will be ready for use before hot weather develops. Late Turnips are usually sown broadcast on land from which some early crop has been removed, during July or August. The roots need not be gathered until after several frosts. May be stored for Winter use in cellar or pits outside. Before storing the tops should be removed.

Ruta Baga are usually sown in June in drills 30 inches apart. Thin out to stand 6 inches apart in row.

313. Purple Top White Globe. As a profitable sort for home or market it is unsurpassed. It is a large, rapid growing sort, with globular shaped roots. Flesh pure white. The skin is white and purple, the under portion being white and the top bright purple. (See illustration.) On account of its shape, it will outyield any other sort.

321. Southern Seven Top. Hardest of all sorts, may be left standing in the open ground during Winter. In the Southern States it yields in the Spring abundant foliage for boiling with cured meats and is only desirable for this purpose.

305. Extra Early White Milan. Extra early, tender and delicately flavored; the bulb is of medium size, very handsome, smooth and of clear ivory-white both inside and out.

315. Extra Early Purple Top Milan. Flat, smooth, of medium size, with bright purple top and few leaves. Flesh white and choice. Adapted to Spring or Fall. A good keeper.

328. Large White Norfolk. It is allowed to stand out during the Winter in the South.

325. Pomeranian White Globe. Good either for table or stock. Very productive.

320. White Egg. Oval or egg shape, flesh firm and sound-grained, thin and perfectly smooth skin of snowy whiteness.

323. Early White Flat Dutch. Pure white, flat strap-leaf Turnip. Early, medium size, excellent quality for early Spring sowing.

316. Yellow Globe. Yellow Globe is a wonderful cropper, and keeps far into the following year. It begins to bulb at the very start and forms large-sized roots and small tops.

324. Purple Top Yellow Aberdeen. Medium size, round, flesh pale yellow, tender and sugary. The plant is hardy, productive and keeps well.

314. Early Red or Purple Top White Flat Strap-Leaf Turnip. This is one of the best table Turnips on the market, being fine grained and of mild flavor. It is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. A good cropper and an excellent keeper.

530. Southern Prize or Dixie. Makes large, round, white Turnips in addition to salad; hardy and needs no protection, the most popular Winter and Spring salad Turnip grown.

159. White Top White Globe Strap-Leaf. Of a perfect globe shape, about six inches in diameter, with smooth, all pure white skin; flesh snowy white, firm and crisp, and of quick growth. A good keeper and fine for market.

322. Large Amber Globe. Flesh yellow, fine grained and sweet; hardy, keeps well, a good cropper. Popular in the South.

326½. White Cow Horn. A white turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground.

326. Yellow Cow Horn. A yellow Turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground.

317. Golden Ball, Orange Jelly or Robertson's. Flesh sweet and firm.

318. Yellow Stone. Flesh crisp, tender, of fine quality.

434. Grey Stone Turnip. Resembles the Purple Top White Globe. Meat white and tender. Top greyish red. Early and one of the first ready for the markets early in the Fall.

327. Ruta Baga, Market Gardeners' Improved Purple Top. Our Ruta Baga is select, yields enormous crops of handsome, large, solid, yellow-fleshed Turnips; is grown largely for cattle food; keeps over Winter till Spring in good condition. It is also used as a table vegetable because of its sweetness.

446. Bolgiano's Perfect Model Ruta Baga. Excellent variety for table use. Flesh golden; very sweet; not the least bit stringy or tough. Far superior to any of the other varieties and much nicer than the Swede Turnip. Solid and crisp until Spring. Never gets pethy. The kind that home gardeners and market gardeners will appreciate.

10 lbs. and over 10c lb. less, transportation extra.

TURNIP	Oz.	¼ Lb.	1 Lb.
Purple Top White Globe.....	.10	.20	.60
Southern Seven Top.....	.10	.20	.60
Extra Early White Milan.....	.10	.30	1.00
Extra Early Purple Top Milan.....	.10	.30	1.00
Large White Norfolk.....	.10	.20	.60
Pomeranian White Globe.....	.10	.20	.60
White Egg.....	.10	.20	.65
Early White Flat Dutch.....	.10	.20	.60
Yellow Globe.....	.10	.20	.60
Purple Top Yellow Aberdeen.....	.10	.20	.60
Early Red or Purple Top White Flat Strap Leaf.....	.10	.20	.60
Southern Prize or Dixie.....	.10	.20	.60
White Top White Globe Strap Leaf.....	.10	.20	.60
White Amber Globe.....	.10	.20	.60
White Cow Horn.....	.10	.20	.60
Golden Ball Orange Jelly or Robertson's.....	.10	.20	.60
Yellow Stone.....	.10	.20	.60
Grey Stone.....	.10	.20	.60

RUTA BAGA

Market Gardener's Improved Purple Top.....	.10	.20	.60
Bolgiano's Perfect Model.....	.10	.20	.60

Watermelon

COLE'S EARLY

We Pay Postage on
Pkts., Ozs., $\frac{1}{4}$ Lbs.
and Lbs.

French German Italian Spanish
MELON D'EAU WASSER-MELONE MELONE D'AUQA SANDIA

Culture. Require a rich, though sandy soil for perfect development, and thrive best in warm latitudes, such as the Southern or Southwestern States, although in a warm sandy soil in a more northern latitude fine crops are often obtained. Cultivate and treat exactly as for muskmelons, except that the hills should be eight to ten feet apart. 1 ounce seed to 30 hills; 3 to 4 pounds for an acre.

172. Bolgiano's Indian Chief Watermelon. A large oblong dark green melon, with thick netting, the rind is thin but very tough. The flesh is a bright attractive red, and has a crisp delicious flavor. It is very productive, and is an excellent shipper.

KLECKLEY'S
SWEET

EXCEL

IRISH
GRAY

TOM WATSON

INDIAN CHIEF

171. Bolgiano's Cold Mountain Spring Watermelon. The ideal melon for Southern shippers, prolific, uniformly good size, tough rind, flesh red and delicious.

405. General Pershing Watermelon. A wonderful producer. No culls. Stands dry weather. Disease resistant. The sparkling red flesh is as sweet as honey. Size uniformly large. Color a light pea green. Will not sunburn. Ripens earlier than Tom Watson. Will keep in good condition for a long time after picking. Will stand long-distance shipping better than any other melon.

406. Irish Gray Watermelon. The size is uniform and large. Color of rind gray. Ripens earlier than Tom Watson and will keep in good condition for a long time after picking. Very prolific and a good shipper. A fine market sort.

176. Florida Favorite. An oblong melon, with dark green skin faintly striped with lighter green, deep red flesh of excellent flavor. One of the best table sorts. Not a good shipper. Ripening 80 days.

245. Tom Watson Watermelon. A large, oblong melon, dark green rind. Rind is thin but tough. Flesh deep red, tender, firm and sweet.

178. Georgia Rattlesnake or Striped Gypsy. Shape oblong, of light green color and beautifully mottled and striped with a light shade; flesh scarlet, rind thin, very solid, and both sweet and delicious.

601. Stone Mountain. A round melon being slightly lobed, like a cantaloupe; very prolific and one of the most delicious. The rind is too tender for a shipper, but for garden and home market it has no equal.

602. Thurmond Grey. Oblong in shape, rind very tough making it a very good shipping variety, color light green shading to grey with veins resembling the Watson. Flesh very red and sweet making it a splendid variety for the home gardener.

603. New Perfection. An improved Halberts Honey having a tougher rind which makes it a better shipper, and enables it to stand the sun longer. The flesh is delightfully sweet and luscious. It is worthy of a trial.

181. Alabama Sweet. Good size, very uniform, long, dark green skin, red flesh.

217. Peerless or Ice Cream Watermelon. Very early and one of the best; form oval, rind mottled light green, flesh firm and sugary.

184. Long Light Icing. This variety is long and rather large, the skin is light green in color, the seeds are white, it is rather early, and very productive.

381. Excel. A long dark green melon, quite attractive in appearance, has very good flavor. This is a rather popular market sort.

192. Kleckley's Sweet. Color dark green, oblong shape usually about twenty-two inches long. This variety is used mostly in the home garden, because of its tenderness it will not stand shipping well.

31. Halbert Honey. Average 18 to 20 inches long, bluntly rounded at both ends. Skin dark green. Flesh a beautiful, rich crimson, sweet and luscious, ripens to the rind.

173. Coles Early. Strictly a home market melon, almost round in shape. Rind light green, striped with broad bands of dark green. Flesh bright red, crisp and delicate texture. Ripening 80 days.

WATERMELON	Pkt.	Oz.	$\frac{1}{4}$ Lb.	1 Lb.
Bolgiano's Indian Chief.....	.10	\$.15	\$.35	\$1.00
Bolgiano's Cold Mountain Spring....	.10	.15	.35	1.00
General Pershing .....	.10	.15	.35	1.00
Irish Gray .....	.10	.15	.25	.85
Florida Favorite .....	.10	.15	.25	.85
Tom Watson .....	.10	.15	.25	.75
Georgia Rattlesnake .....	.10	.15	.25	.85
Alabama Sweet .....	.10	.15	.25	.85
Peerless or Ice Cream .....	.10	.15	.25	.85
Long Light Icing .....	.10	.15	.25	.85
Excel .....	.10	.15	.25	.85
Kleckley's Sweet .....	.10	.15	.25	.85
Halbert Honey .....	.10	.15	.25	.85
Coles Early .....	.10	.15	.25	.85
Stone Mountain .....	.10	.15	.40	1.25
Thurmond Grey .....	.10	.15	.40	1.25
New Perfection .....	.10	.15	.40	1.25

Bolgiano's Dependable Flower Seeds for 1927

Selected Strains — Superior Quality

Packets 10c Each, 3 Packets 25c

Except when otherwise noted



CULTURAL DIRECTIONS

The seed of plants that you wish to get started early can easily be sown in-doors, in shallow boxes or seed pans, not over three inches deep. About one inch of rough material like coal ashes should be placed in the bottom, and on top of this another inch of fine sifted soil consisting of one-third each of sand, leaf mould and garden loam. After the surface has been smoothed and lightly pressed, sow the seed evenly and cover with more soil to a depth of about twice the diameter of the seed. Then press firmly and water. Cover with a pane of glass, keep in a temperature of about 65 degrees and water carefully as needed. As the seeds grow, the glass can be removed and the plants transplanted into small pots from which they are afterwards planted in the open ground. When sowing seed out-doors, the ground should be thoroughly spaded and raked until the top is as smooth and fine as possible. The seeds should be covered three or four times their diameter in order to prevent rains from washing them out. Do not sow until all danger of frost is over, about May fifteenth in Baltimore.

AGERATUM

A lovely rapid growing plant that blooms constantly. It is most lavish with its bright, attractive flowers even when the summer is hot and dry. It is easily grown and combines charmingly with other flowers in beds or borders.

60. Imperial Dwarf White. Small and compact growing about 8 inches high. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 80c.

61. Imperial Dwarf Blue. Pkt. 10c. $\frac{1}{4}$ Oz. 20c. Oz. 60c.

62. Blue Perfection. Large heads of the darkest blue ageratum. Blooms in great abundance. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 75c.

65. Finest Dwarf Mixed. Pkt. 10c. Oz. 60c.



Blue Perfection—Ageratum

20. ACHILLEA (Milfoil or Yarrow)

Ptarmica "The Pearl." One of the best hardy plants for the herbaceous border. It grows about two feet high and from June until October is covered with clusters of pure white double flowers. Excellent for cutting. Pkt. 10c.

ALYSSUM

Dainty, fragrant little plants that bloom in great profusion all summer, also in-door during the winter. Charming for edging, borders, rockwork, vases and baskets.

90. Little Gem. A beautiful white variety. Plants grow about 6 inches high and produce hundreds of flowers in a mass 15 to 18 inches in diameter. Pkt. 10c. Oz. 40c.

91. Maritimum Sweet. The popular, old-fashioned, trailing variety. Flowers pure white. Pkt. 10c. Oz. 30c.

92. Saxatile Compactum (Golden Tuft). Hardy perennial plant. Flowers golden yellow, desirable for rockwork. Pkt. 10c. $\frac{1}{4}$ Oz. 30c.

93. Lilac Queen. Plants of dwarf, compact growth. Flowers a beautiful deep lavender-lilac. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 80c.

30. ACONITUM (Monkshood)

Napellus. It grows 3 to 4 ft. high and produces long stately spikes of helmet-like blue flowers from July to September. Pkt. 10c.



Alyssum—Little Gem

AQUILEGIA (Columbine)

The columbines are among the most beautiful and most popular of all hardy plants. They produce graceful, spurred flowers on long stems, and are valuable for cutting, beds and rockeries.

160. LONGSPURRED HYBRIDS (Scott Elliott's Strain)

This strain is considered to be the best raised. The flowers are large with long spurs and present a wonderful collection of colors. Pkt. 20c. $\frac{1}{4}$ Oz. \$1.25.

161. Double Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 20c. Oz. 65c.

50. ADONIS AESTIVALIS (Pheasant's Eye)

A beautiful little annual with large showy crimson flowers and feathery foliage like the Cosmos. It blooms during June and July and is valuable for cutting. Pkt. 10c. $\frac{1}{4}$ Lb. 20c.

51. ADONIS VERNALIS (Spring Adonis)

This attractive little perennial plant, with its feathery foliage and beautiful yellow flowers, is suitable for the border and the rock garden. It grows about 10 inches high and is one of our earliest plants to bloom. Pkt. 10c. $\frac{1}{4}$ Oz. 75c.

40. ACROCLINUM (Everlasting)

A pretty annual everlasting, growing about 15 inches high, bearing lovely white or rosy-pink flowers, which when cut in the bud, can be dried and used in winter bouquets. Very attractive when grown in a mixed border, aside from its use as an everlasting. Double mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 20c. Oz. 60c.

70. AGROSTEMMA CORONARIA (Rose Campion)

An easily cultivated, hardy perennial with silvery foliage and crimson flowers. Will bloom the first season, and if seed is planted at different intervals, will furnish cut flowers all summer. Pkt. 10c. Oz. 20c.

111. AMARANTHUS TRICOLOR (Joseph's Coat)

Showy foliage of green, red and yellow. Height 3 ft. Pkt. 10c. Oz. 50c.

120. ANCHUSA ITALICA (Dropmore Variety)

A hardy perennial with forget-me-not like flowers of rich gentian blue. It blooms in great abundance during the entire season and attains a height of from 3 to 5 feet. Pkt. 10c. $\frac{1}{4}$ Oz. 25c.

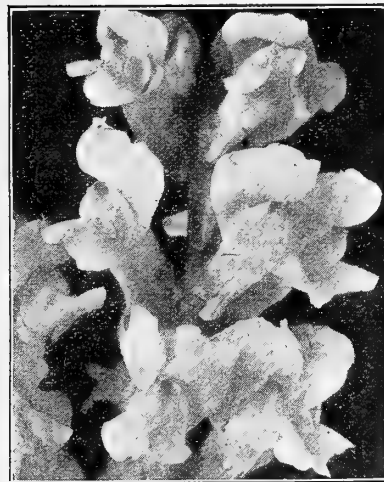
ANTIRRHINUM (Snapdragon)

Snapdragon has long been recognized as one of the best flowers for both cutting and bedding. Every year new varieties and color combinations are being introduced. Because of their easy culture it is a flower that appeals to the amateur. The tall varieties are best planted in the background of your garden. Only ten weeks are required for the plants to commence blooming. They continue blooming until frost.

**TALL GIANT FLOWERING
(Majus grandiflorum)**

About 3 feet high

- | | Pkt. | Oz. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------|
| 130. Brilliant Rose , rose pink..... | 10c. | 50c. |
| 131. Golden King , giant yellow..... | 10c. | 40c. |
| 132. Othello , dark claret..... | 10c. | 60c. |
| 133. Pink Venus , flesh pink,
white tube | 10c. | 50c. |
| 134. Queen Victoria , pure
white | 10c. | 40c. |
| 135. Rose King , deep rose self..... | 10c. | 80c. |
| 136. Rose Queen , soft pink..... | 10c. | 50c. |
| 137. Collection of a packet each
of the above seven varieties | 60c. | |
| 138. Tall Giant Flowering
Mixed | 10c. | 35c. |
| | Oz. \$1.00. | |
| 150. Semi-Dwarf, Large Flowering
Sorts. $1\frac{1}{2}$ to 2 ft. tall. Excellent for
bedding. Finest Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. | | |
| | 20c. Oz. 65c. | |



Antirrhinum—Snap Dragon

**TALL
(Majus)**

2 to 3 feet high

- | | Pkt. | Oz. |
|---------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| 140. White | 10c. | 30c. |
| 141. Bright Rose | 10c. | 40c. |
| 142. Garnet | 10c. | 40c. |
| 143. Yellow | 10c. | 30c. |
| 144. Scarlet | 10c. | 40c. |
| 145. Scotch Striped | 10c. | 30c. |
| 146. Collection of a packet each
of the above six varieties | 50c. | |
| 147. Tall Mixed | 10c. | 25c. |
| | Oz. 80c. | |
| 155. Tom Thumb Variety. 8 inches
tall. Wonderful for edging and as pot
plants. Choice Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. | | 65c. |

180. ARABIS ALPINA (Grandiflora Superba Rock Cress)

A spring essential. It is suitable for the tops of old stone walls, crevices in rocks or as edging plants for bulbs or any of the early flowering plants. Rock Cress grows about 6 inches high and is covered with a sheet of pure white flowers. Pkt. 10c.

CALENDULA. (Pot Marigold)

A free-flowering, dwarf annual suitable for beds, mixed borders or pot culture. These flowers exhibit every shade of yellow from ivory to the deepest orange. Desirable for cut flowers.

520. Orange King. Rich, dark orange, double flowers, averaging 3 inches across. An exceptionally fine strain. Pkt. 10c. Oz. 40c.

521. Lemon Queen. Like the Orange King in beauty, size and shape but the color is a rich lemon shade instead of orange. Most attractive when combined with the Orange King. Pkt. 10c. Oz. 30c.

522. Meteor. Large double flowers, striped orange and cream. Pkt. 10c. Oz. 30c.

523. The Ball. The best double orange variety for forcing. Pkt. 20c. $\frac{1}{4}$ Oz. 65c.

525. Double Mixed. All choice varieties. Pkt. 10c. Oz. 5c.

190. ARCTOTIS GRANDIS (African Daisy)

A bush 2 to 2½ ft. high. Its flowers are like a large white daisy with the under side of the petals lilac and the foliage white and downy. They are fine for cutting because of the long stems and long keeping qualities. Pkt. 10c. $\frac{1}{4}$ Oz. 35c.

192. ARMERIA FORMOSA HYBRIDA (Thrift Sea Pink)

A hardy perennial producing pretty rose pink flowers. An excellent edging plant. Pkt. 10c. $\frac{1}{4}$ Oz. 35c.

**195. ASPARAGUS PLUMOSUS NANUS
(Dwarf Fern Asparagus)**

The horizontal bright green sprays are much used with cut flowers. Very graceful and delicate. Pkt. 10c.

196. ASPARAGUS SPRENGERI (Emerald Feather)

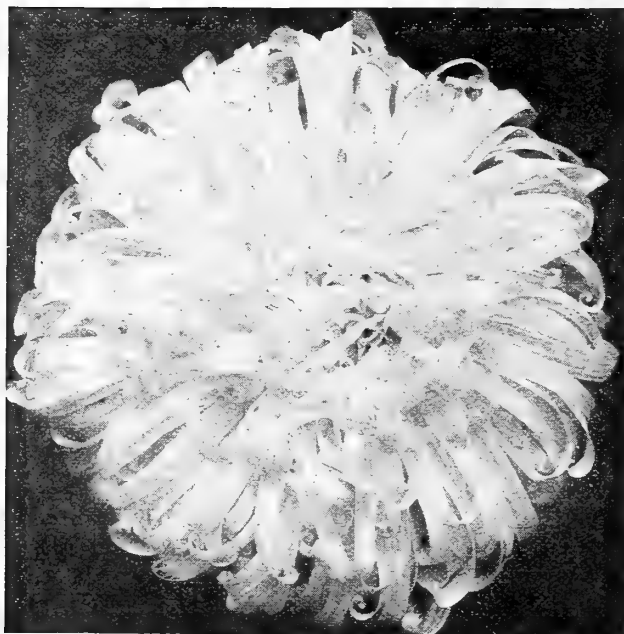
One of the most popular and easily grown plants for cut-green and hanging baskets. It is especially ornamental, bearing minute rose-colored flowers in summer and bright red berries in winter. Pkt. 10c. $\frac{1}{4}$ Oz. 40c.

HARDY PERENNIAL ASTERS

410. Michaelmas Daisy. These plants are the charm of the late fall garden for they are covered with masses of beautiful delicate flowers during September and October when most of the hardy flowers have finished blooming. They also make an excellent background for earlier flowering plants. Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

ASTERS

Novelties and Improved Strains



Aster—California Giant—Double

KING (Needled Type)

These are mostly of upright habit (18 inches to 2 ft. high). Flowers, large and double, petals quilled, making them distinct from all others and a very desirable class.

	Pkt.	¼ Oz.
350. Blackish Blue, very dark.....	10c.	60c.
351. Crimson	10c.	60c.
352. Deep Flesh	10c.	60c.
353. Lavender	10c.	60c.
354. Pink, delicate Light pink.....	10c.	60c.
355. Rose, brilliant rose.....	10c.	60c.
356. Shell Pink, beautiful shell pink.....	10c.	60c.
357. Violet, purplish violet.....	10c.	60c.
358. White, pure white.....	10c.	60c.
359. Collection of a packet each of the above 9 varieties, 75c.		
360. Mixed colors	10c.	50c.
Oz. \$1.50.		

THE SUNSHINE

Improved Anemone Flowered ASTER

This type of Aster was introduced by an English seed-house several years ago. Later, a German seed grower succeeded not only in selecting two more colors (white and lilac), but also eliminated a large percentage of single flowers from this strain, besides breeding the strain to a flat center, away from the anemone-quilled type.

The plants are sturdy and strong, throwing up long flower stalks, making wonderful cut flowers. Some of the flowers have twisted petals and some have quilled petals; all have a cushion center of tiny quills of a contrasting color which makes a flower look as if it were covered with snowflakes. A wonderful cut-flower variety, borne on long, stiff stems, and the flowers last a long time after cutting.

210. White	Pkt. 20c.	½ Oz. \$1.50
211. Light Blue	Pkt. 20c.	½ Oz. \$1.50
212. Dark Blue	Pkt. 20c.	½ Oz. \$1.50
213. Pink	Pkt. 20c.	½ Oz. \$1.50
214. Lilac	Pkt. 20c.	½ Oz. \$1.50
215. Collection of a packet each of the above 5 varieties, 90c.		
216. Mixed colors	Pkt. 20c.	½ Oz. \$1.25

CALIFORNIA DOUBLE GIANTS

We take pleasure in recommending this type as the best Aster on the market today. Characterized by the Crego or Ostrich Feather type of flower, combined with the Beauty Aster's long, non-lateral branching stems and sturdy habit of growth, the California Double Giant type of Aster stands at the head of the list, not only for florists' use, but also for private gardens where quality is appreciated. We believe the California Double Giant type of Aster will this year take its deserved place as the best Aster for florists' and for general use.

220. White	Pkt. 20c.	¼ Oz. \$2.50
221. Peach Blossom	Pkt. 20c.	¼ Oz. \$1.50
222. Light Blue	Pkt. 20c.	¼ Oz. \$1.50
223. Light Purple	Pkt. 20c.	¼ Oz. \$1.50
224. Deep Rose	Pkt. 20c.	¼ Oz. \$1.50
225. Dark Purple	Pkt. 20c.	¼ Oz. \$1.50
226. Collection of a packet each of the above 6 varieties, \$1.00.		
227. Mixed colors	Pkt. 20c.	¼ Oz. \$1.00

HEART OF FRANCE

400. The newest and very best ruby-red aster. The plants are of the branching type and grow about 2 feet high. During September and October they bear large, full, rich ruby-red flowers or long, strong stems. Pkt. 10c. ¼ Oz., 80c.

BALL'S WHITE

403. This is a beautifully formed, pure white Aster of branching habit getting into flower about August 20. Pkt. 20c. ¼ Oz. \$1.20.

SENSATION

404. This Aster is of a rich ox-blood color which glistens in the sunshine. A very early bloomer of semi-dwarf growth. An excellent Aster for border purposes. Pkt. 10c. ¼ Oz. 75c.

MORETON PINK

405. Branching growth, producing freely large well-formed flowers on long stems. In color a beautiful clear pink with a salmon sheen. Pkt. 10c. ¼ Oz. 65c.



Sunshine Aster

EARLY FLOWERING ASTERS

QUEEN OF THE MARKET

The very best early flowering aster, coming into blossom during July. The large, graceful flowers are borne on long stems, making them especially valuable for cutting.

- | | | |
|----------------|-----------------|---------------|
| 200. White | 201. Flesh Pink | 202. Crimson |
| 203. Dark Blue | 204. Purple | 205. Lavender |
| | 206. Rose | |

Any of the above colors, Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

207. Collection of a packet each of the above 7 varieties 60c.

208. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. 40c. Oz. \$1.25.

BOLGIANO'S GIANT COMET

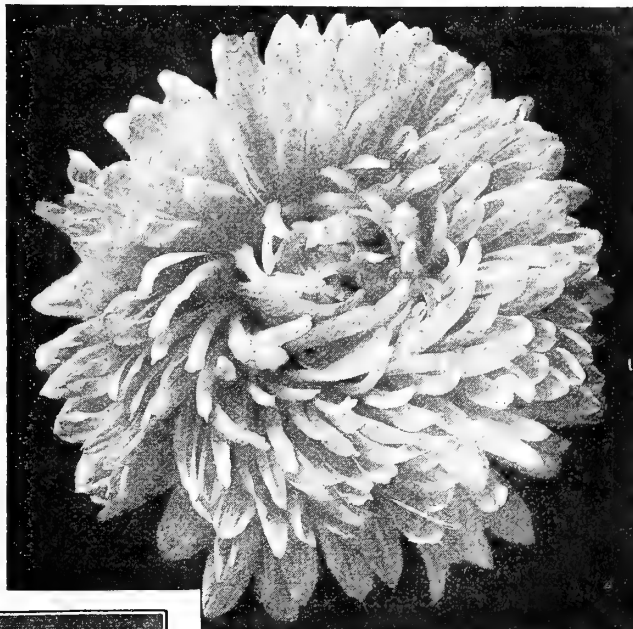
These are earliest to produce fine, large chrysanthemum-like flowers; the plants grow 2 feet high and have fine, long stems.

- | | | |
|------------|-----------------|------------------|
| 240. White | 241. Crimson | 242. Pink |
| 243. Rose | 244. Light Blue | 245. Dark Violet |

Any of the above colors, Pkt. 10c. $\frac{1}{4}$ Oz. 65c.

246. Collection of a packet each of the above 6 varieties 50c.

247. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. 60c. Oz. \$1.75.



Queen of the Market Aster

Mid-Season Flowering Asters

CREGO'S GIANT COMET

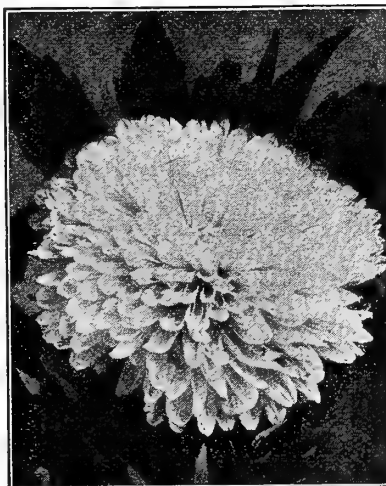
We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers, five inches and over in diameter. They bloom profusely from August until the end of September.

- | | |
|-----------------|---------------|
| 260. White. | 262. Pink |
| 263. Rose | 264. Crimson |
| 265. Azure Blue | 266. Lavender |
| 267. Purple | |

Any of the above colors, Pkt. 10c. $\frac{1}{4}$ Oz. 65c.

268. Collection of a packet each of the above 7 varieties 60c.

269. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. 60c. Oz. \$1.75.



Giant Comet Asters

IMPROVED CREGO ASTER CATTLEYA

261. Here we offer a distinct and attractive color in the Improved Crego type. The flower opens up a beautiful shade of the popular Orchid color. We consider this a worthy addition to the list and one which will appeal to all flower growers. Pkt. 20c. $\frac{1}{4}$ Oz. \$2.50.

OSTRICH FEATHER

The most artistic and most refined of all Comet Asters. The flowers are large, full and fluffy with long, loosely twisted petals. The plants grow about 2½ feet high and bloom in August.

- | | |
|---------------|----------------|
| 280. White | 281. Rose Pink |
| 282. Crimson | 283. Dark Blue |
| 284. Sky Blue | |

Any of the above colors. Pkt. 10c. $\frac{1}{4}$ Oz. 65c.

285. Collection of a packet each of the

above 5 varieties 45c.

286. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. 60c. Oz. \$1.75.

Late Flowering Asters

EARLY BEAUTY

The Early Beauty is a late flowering, branching Aster with unusually large double flowers borne on long thick stems. Florists will find this type of great value because of their beautifully formed blooms, delicate coloring and exceptional substance—they stand shipment well.

- | | |
|--------------------|------------------------------------|
| 320. White Beauty | 321. September Beauty (Flesh Pink) |
| 322. Rose Beauty | 323. Lavender Beauty |
| 324. Purple Beauty | 325. Crimson Beauty |

Any of the above colors, Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00.

326. Collection of a packet each of the above 6 varieties 50c.

327. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00. Oz. \$3.00.

AMERICAN BRANCHING (Vicks Branching)

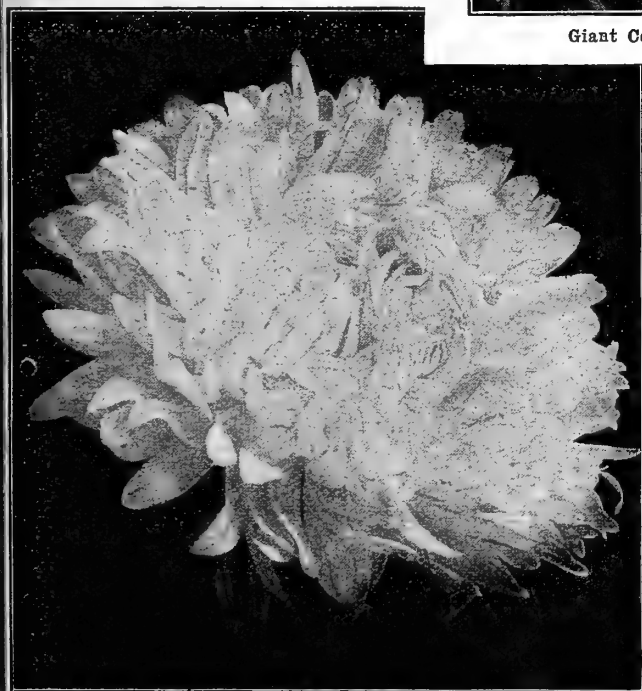
Plants 2½ to 3 feet high, branching and robust habit. Flowers large, double and fine form.

- | | | |
|---------------|--------------------|--------------|
| 340. White | 341. Peerless Pink | 342. Crimson |
| 343. Lavender | 344. Azure Blue | 345. Purple |

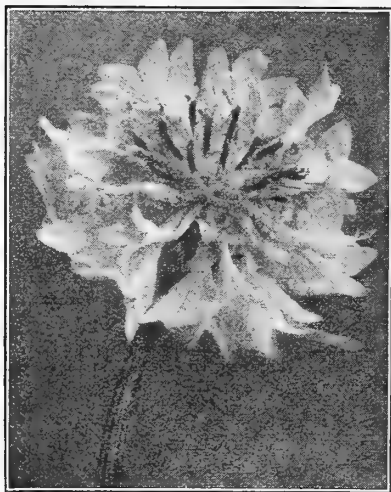
Any of the above colors, Pkt. 10c. $\frac{1}{4}$ Oz. 60c.

346. Collection of a packet each of the above 6 varieties 50c.

347. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. 50c. Oz. \$1.50.



Early Beauty Aster



Corn Flower or Bachelor's Button

CENTAUREAS

Corn Flower or Bachelor's Button

A graceful, old-fashioned plant, which blooms freely throughout the entire summer and usually re-seeds itself. They will grow in most any soil and are in great demand as cut flowers.

660. White
661. Atropurpurea

662. Blue
663. Carmine
666. Rose

664. Lawson's Pink
665. Mauve

Any of the above colors. Pkt. 10c. Oz. 50c.

667. Collection of a packet each of the above 7 varieties 60c.

668. Mixed colors. Pkt. 10c. Oz. 25c.

CENTAUREA IMPERIALIS (Royal Sweet Sultan)

670. These charming thistle-like flowers are borne on long, strong stems and are excellent for cutting. They keep fresh for a long time and are very fragrant. Mixed Pkt. 10c. $\frac{1}{4}$ Oz. 35c. Oz. \$1.00.

Centaurea Suaveolens

680. Yellow Sweet Sultan. A most attractive plant bearing large bright yellow sweetly scented flowers. Fine for cutting purposes. Pkt. 10c. $\frac{1}{4}$ Oz. 20c.

430. BALLOON VINE (Love-in-a-Puff)

A graceful, rapid-growing climber, with small white flowers and curious balloon-shaped seed vessels. This vine is of particular interest to children, as the "Puff" or inflated seed vessel contains black seed, each marked with a white heart-shaped spot. Pkt. 10c. Oz. 20c.

440. BALSAM (Lady Slipper)

A dainty, old-fashioned annual, suitable for beds and borders. The flowers are vividly colored and rose-like in shape. These blooms make a charming table decoration, when cut from the stalk and placed in a low glass bowl so they can float on the surface of the water. Pkt. 10c. $\frac{1}{4}$ Oz. 90c.

460. BALSAM APPLE (Momordica)

A quick-growing, ornamental climber with beautiful foliage and bright orange-colored fruit, which resembles an apple. The fruit opens when ripe, disclosing its seeds and red interior. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 75c.

465. BAPTISIA AUSTRALIS (Blue Wild-indigo)

A perennial growing 4 to 6 ft. high with pea-shaped indigo blue flowers almost an inch long appearing in mid-summer. Pkt. 10c.

470. BOCCONIA CORDATA (Pink Plume Poppy)

Hardy herbaceous perennial growing 5 to 8 ft. high with large heart shaped leaves and beautiful pinkish flower plumes. Pkt. 10c. Oz. 60c.

CHRYSANTHEMUM (Annual Varieties)

A free summer flowering, showy, daisy-like flower. Very attractive for bedding, borders, pot culture and for cutting. For larger and more prolific blooms sow seed early in a hotbed or cold frame and transplant to the open ground as soon as the soil has become thoroughly warmed.

690. EVENING STAR. Rich yellow, the disc somewhat deeper yellow. Pkt. 10c. Oz. 50c.

691. MORNING STAR. Petals canary-yellow disc somewhat deeper yellow. Pkt. 10c. Oz. 50c.

692. BURRIDGEANUM. Pure white petals with a zone of rich brownish red and inner zone of yellow surrounding the dark brown disc. Pkt. 10c. Oz. 50c.

693. W. E. GLADSTONE. Rose and Red. Pkt. 10c. Oz. 40c.

694. THE SULTAN. Wallflower red, yellow zone around brown disc. Pkt. 10c. Oz. 45c.

695. Collection of a packet each of the above 5 varieties, 45c.

696. Single Mixed. 1 to 1½ ft. tall. Pkt. 10c. Oz. 35c.

700. BRIDAL ROBE. An excellent pure white fully double, loosely arranged flower. It blooms from mid-summer to late autumn. Pkt. 10c. $\frac{1}{4}$ Oz. 35c.

701. WHITE PEARL. Tall double; pure white. Pkt. 10c. $\frac{1}{4}$ Oz. 25c.

702. GOLDEN QUEEN. Dwarf double; golden yellow. Pkt. 10c. $\frac{1}{4}$ Oz. 20c. Oz. 60c.

704. Collection of a packet each of the above 3 varieties, 25c.

705. DOUBLE MIXED. 3 to 4 ft. tall. Pkt. 10c. Oz. 40c.

CHRYSANTHEMUM JAPONICUM

710. Hardy plants for permanent borders and gardens, compact bushes. 1½ to 2 feet. Splendid for cut flowers. Pkt. 20c.

CHRYSANTHEMUM LEUCANTHEMUM (Shasta Daisy)

720. A large flowering, single, white, hardy daisy. It has long been considered one of our finest perennials for permanent garden decoration. Plants grow 2 to 2½ ft. high. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 80c.

CENTAUREA CANDIDISSIMA (Dusty Miller)

685. A little plant used exclusively for borders of flower gardens and edges of beds. Its leaves are silvery gray and form a pleasing contrast when planted with brilliantly colored flowers. Pkt. 10c. $\frac{1}{4}$ Oz. 60c.

BOLTONIA

Tall leafy plants blooming profusely in late summer and autumn of easiest culture large daisy-like flowers valuable for cutting.

475. ASTEROIDES. White. Pkt. 10c.

476. LATICQUAMA. Blue violet. Pkt. 10c.

ASTERS

See pages 42 and 43 for complete list of novelties and standard varieties.

401. LAVENDER GEM

This is the most beautiful, early, delicate lavender aster. It is of the Comet type with large, perfectly double, loosely arranged flowers, which are borne on long, wiry stems. The Lavender Gem begins blooming in July, and is most desirable for cutting. Pkt. 10c. $\frac{1}{4}$ Oz. 65c.

402. NEW FANCY YELLOW

This is by far the best yellow aster ever introduced. The plants are strong; the flowers large, fully double with well covered centers. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00.



CARNATION

Chabaud's Giant

A new acquisition in the line of Carnations, coming into bloom six months from seed and continuing to bloom throughout the summer. The plants are of robust upright habit; they form ten to twenty stalks, bearing huge flowers of fine form. This group should not be confused with the old Chabaud types.

620. Amethyst 623. Flesh Pink
621. Ruby 624. Salmon Rose
622. Deep Rose 625. White
626. Yellow

Any of the above colors. Pkt. 20c. ¼ Oz. \$2.50.

627. Collection of a packet each of the above varieties, \$1.20.

628. Mixed colors. Pkt. 20c. ¼ Oz. \$2.00.

MARGUERITE

630. Half dwarf double. Blooms in four months; flowers very large. A most satisfactory annual.

Mixed colors. Pkt. 10c. ¼ Oz. 50c.



Canterbury Bells

560. CAMPANULA MEDIUM (Canterbury Bells)

A very beautiful, old-fashioned, stately biennial, bearing bell-shaped flowers in great profusion. It is suitable for beds and backgrounds. All colors mixed. Pkt. 10c. ¼ Oz. 25c.

561. CAMPANULA CALYCANTHEMA (Cup and Saucer Canterbury Bells)

This is the finest type of the old-fashioned bell flower. It differs from the ordinary Canterbury Bell in having an enlarged, spreading, petal-like outer part which forms the saucer to the cup. Pkts. 10c. ¼ Oz. 60c.

562. CAMPANULA PERSICIFOLIA (Blue Peach-Leaf Bell Flower)

A perennial growing 2 to 3 ft. high with erect stems bearing large blue bell-shaped flowers. Pkt. 10c. ¼ Oz. \$1.00.

563. CAMPANULA PYRAMIDALIS (The Chimney Bell Flower)

A beautiful perennial growing 4 to 5 feet high and bearing blue salver-shaped flowers. Pkt. 10c. ¼ Oz. 60c.

CALLIOPSIS

Attractive, free-flowering annual; excellent for massing or cutting. The flowers are long-stemmed, graceful and of a deep yellow color, combined in some varieties with rich maroon and in others with velvety brown. Easily cultivated.

540. Golden Wave. (Drummond.) Rich, golden-yellow flowers with brown centers. 12 inches high. Pkt. 10c. Oz. 50c.

740. CLEMATIS PANICULATA (Sweet Autumn Clematis)

Hardy perennial climber. Desirable for covering arbors, verandas, etc. The foliage is glossy green and white star-shaped flowers practically cover the entire vine. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

COSMOS

One of the finest Fall plants with attractive, feathery foliage and bright daisy-like flowers. It is a vigorous, tall-growing annual and most effective when planted in broad masses or along back-ground borders against evergreens or fences. The flowers are borne in great profusion.

Extra Early Mammoth Flowering

Plants 4 feet high, blooms during July.

810. White 811. Pink.

812. Crimson

Any of the above colors. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

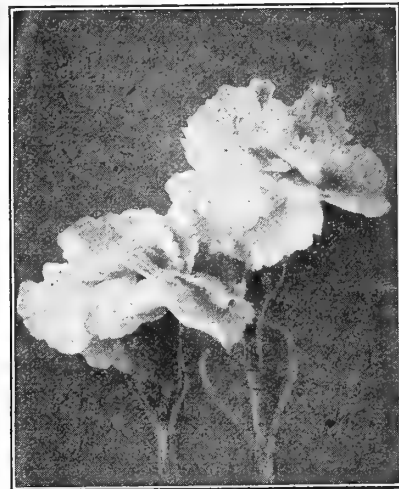
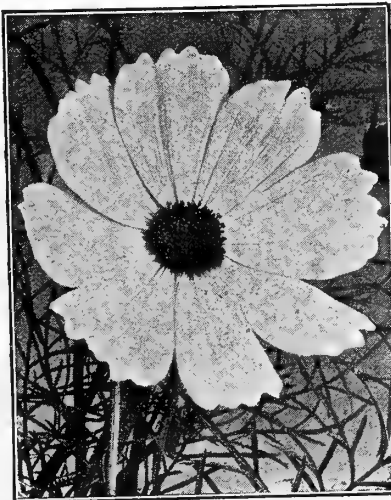
813. Collection of a packet each of the above 3 varieties, 25c.

814. Mixed colors. Pkt. 10c. ¼ Oz. 20c. Oz. 65c.

PERFECTION GIANT FLOWERING COSMOS

Plants 5 to 8 feet high, blooms during October.

817. Mixed colors. Pkt. 10c. Oz. 30c. ¼ Lb. 90c.



Carnation

541. Tall Double Varieties Mixed. Pkt. 10c. Oz. 40c.

542. Tall Single Varieties Mixed. Pkt. 10c. Oz. 40c.

543. Dwarf Varieties Mixed. Pkt. 10c. Oz. 50c.

490. BELLIS PERENNIS (English Daisy)

A spring flowering perennial, easily grown from seed. The flowers are daisy-like in appearance and are beautiful for cutting and for beds. Finest mixed. Pkt. 10c. ½ Oz. 40c.

500. BRACHYCOME IBERIDIFOLIA (Swan River Daisy)

Free-flowering, dwarf-growing annuals; covered during the greater part of Summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. Pkt. 10c. ¼ Oz. 35c.

CANDYTUFT (Iberis umbellata)

A profusely blooming, easily cultivated plant 12 to 15 inches high. The fragrant flowers are very desirable for borders, beds, rockeries, and for cutting. They bloom all season.

580. White 581. Rose Cardinal 582. Crimson
583. Lilac 584. Flesh

Any of the above colors. Pkt. 10c. Oz. 30c.

585. Collection of a packet each of the above 5 varieties, 45c.

586. Mixed colors. Pkt. 10c. Oz. 20c.

Giant Hyacinth Flowered Candytuft

587. As the name implies, this variety is truly a giant in growth. The well-branched plants reach 18 inches in height, each branch terminating in an immense white flower spike. Excellent for beds and borders and especially valuable for cutting. Pkt. 10c. Oz. 50c.

EVERGREEN CANDYTUFT (Iberis sempervirens)

590. Its flowers are white and its foliage evergreen. Pkt. 10c. ½ Oz. 50c.

EXTRA EARLY DOUBLE CRESTED COSMOS

The flowers are large with fully double centers and an outer row of broad ray petals. The best cosmos for cut flowers, blooming during July and August.

818. White Queen. Glistening white.

819. Pink Beauty. Beautiful, soft rose-pink.

820. Crimson King. Rich crimson.

Any of the above colors. Pkt. 20c. ¼ Oz. \$2.00.

821. Collection of a packet each of the above 3 varieties, 50c.

822. Mixed colors. Pkt. 20c. ¼ Oz. \$1.30.

KLONDYKE COSMOS

825. Large golden yellow flowers 2½ to 3½ inches in diameter. Pkt. 10c. ¼ Oz. 25c.

CELOSIA CRISTATA (Cockscomb)

A popular garden annual grown for its showy, velvety, cockscomb-like flower heads and green foliage. It makes a charming border plant.

640. Glasgow Prize. Dark Crimson. Pkt. 10c. $\frac{1}{4}$ Oz. 90c.

644. Dwarf Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

645. CELOSIA PLUMOSA (Feather Cockscomb)

An attractive plant for beds and borders. The plumes or flowers, which are produced on long stems, may be cut and dried for winter bouquets. Finest Mixed. Pkt. 10c. Oz. 35c.

CELOSIA CHILDSI (Chinese Wool Flowers)

A splendid decorative plant with large, ball-shaped flowers, resembling a ball of wool. The plant grows about 2 feet high, branches freely and keeps blooming all fall until finally killed by frost.

650. Crimson. Pkt. 10c. $\frac{1}{4}$ Oz. 85c.

651. Finest Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 85c.

CYPRESS VINE

A beautiful rapid-growing vine with star-shaped blossoms. Its foliage is of a rich green color, very graceful, delicate and fern-like. A lovely vine for ornamental purposes.

850. Scarlet. Pkt. 10c. Oz. 45c.

851. White. Pkt. 10c. Oz. 45c.

852. Finest Mixed. Pkt. 10c. Oz. 40c.

DIANTHUS OR PINKS

An old favorite which blooms constantly all summer. The flowers are brilliantly colored and very fragrant.

880. Chinensis (Indian Pinks)

Double annual. All colors Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 75c.

881. Heddewegi (Japanese Pinks)

Large double flowers with brilliant colorings. They bloom from June until frost if faded flowers are kept cut. Pkt. 10c. $\frac{1}{4}$ Oz. 30c.

882. Pheasant's Eye Pinks (Dianthus plumarius)

A beautiful hardy pink with fringed flowers. All colors. Pkt. 10c. $\frac{1}{4}$ Oz. 25c.

883. Everblooming Hardy Garden Pinks (Plumarius Semperflorens)

Extremely beautiful, everbearing, sweet-scented, double flowers with various colorings and markings. Pkt. 10c. $\frac{1}{4}$ Oz. 25c.

780. COLEUS

A favorite bedding and house plant useful for its beautiful vari-colored, ornamental foliage. The leaves are finely marbled and spotted and range in color from a light yellow to a very deep red. Pkts. 10c. $\frac{1}{8}$ Oz. \$1.00.

790. CONVULVULUS MINOR (Dwarf Morning Glory)

Fine, bushy, free-flowering plants, growing 12 inches high. The flowers remain open all day in good weather and come in various rich colors. Splendid for beds and borders. Pkt. 10c. $\frac{1}{4}$ Lb. 30c.

800. COREOPSIS LANCEOLATA GRANDIFLORA (Harvest Moon)

One of the finest, hardiest garden plants, forming bushes 2 to 3 feet high. Each plant bears quantities of long stemmed, large, single yellow flowers throughout the summer. Lovely for cut flowers. Pkt. 10c. Oz. 40c.

840. CYCLAMEN PERSICUM (Alpine Violet)

Lovely plants for the house, blooming in the winter and spring. The flowers are beautiful and in a great variety of rich colors. **Finest Mixed.** Pkts. 20c.

750. CLEOME (Giant Spider Plant)

Pungens gigantea. Rose Queen. It grows 3 to 4 feet high, branches freely and produces a large flower head at the top of each branch. The separate flowers are interesting because of their long purple, spidery stamens and showy rose-colored petals. Pkt. 10c. $\frac{1}{4}$ Oz. 20c. Oz. 60c.

570. CANARY BIRD VINE (Tropæolum canariense)

A rapid growing climber attaining a height of 10 to 15 feet. Attractive for trellises, porch boxes or hanging baskets. It grows in the most graceful manner, producing beautiful leaves and hundreds of golden-yellow flowers which resemble canary birds with expanded wings. Pkt. 10c. Oz. 45c.

COBEA SCANDENS (Cup and Saucer Vine)

A climber of rapid growth with beautiful foliage and large bell-shaped flowers. The plant grows 20 to 30 feet in a season.

760. White Flowered. Pkt. 10c. $\frac{1}{4}$ Oz. 45c.

761. Blue Flowered. Pkt. 10c. $\frac{1}{4}$ Oz. 30c.

DAHLIA

A very popular flower in a variety of lovely colors. Dahlias can be raised from seed and will bloom the first year (a fact not generally known).

860. Double Large Flowering Mixed. Seeds from fine double sorts, various colors. Pkt. 10c. $\frac{1}{4}$ Oz. 75c.

861. Cactus Flowered Mixed. A desirable, graceful type. Pkt. 20c. $\frac{1}{8}$ Oz. \$1.00.

862. Peony Flowered Mixed. Mammoth, semi-double flowers. Pkt. 20c. $\frac{1}{8}$ Oz. \$1.00.

DIGITALIS GLOXINIFLORA (Foxglove)

A stately, hardy, perennial of easy culture, often used as a background. It produces tall spikes of brilliantly colored, spotted, bell-shaped flowers and is a great favorite for old-fashioned gardens.

910. White 911. Rose 912. Purple
913. Collection of a packet each of the above 3 varieties, 25c.

Any of the above colors. Pkt. 10c. $\frac{1}{4}$ Oz. 40c.

914. Finest Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 25c.

Digitalis Monstrosa

915. Long spikes surmounted by one enormous flower. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. 30c.

DELPHINIUM (Hardy Larkspur)

A charming dignified plant growing 5 to 8 feet tall and producing beautiful flowers on spikes over 2 feet long. It is especially valuable for its splendid blues—a color comparatively rare in cultivated plants. Keep faded flower stalks cut down, this will encourage the plants to bloom a second time during the season.

870. Belladonna. Large perfect spikes of clear turquoise blue flowers. Pkt. 10c. $\frac{1}{8}$ Oz. 75c.

871. Bellamosum. Rich deep blue flowers. Pkt. 20c. $\frac{1}{8}$ Oz. \$1.00.

872. Grandiflorum Chinense Dwarf. 2 ft. Gentian Blue Flowers. Pkt. 10c. $\frac{1}{4}$ Oz. 90c.

GOLD MEDAL HYBRIDS

873. A mixture of the most gorgeous Delphiniums. The large graceful flowers are borne on spikes over 2 feet long. Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

DIDISCUS CÆRULEUS (Blue Lace Flower)

900. The plants grow about 2 feet high and branch freely, each branch being crowned with an umbel of delicate, sky-blue flowers resembling lace. Some plants have forty to fifty flowers open at one time. It is easy to grow and blooms profusely from July to November. Pkt. 10c. $\frac{1}{8}$ Oz. 45c.

920. DIMORPHOTHECA AURANTIACA HYBRIDA (African Golden Daisy)

A beautiful, showy plant from South America, having daisy-like flowers ranging from the purest white through the various shades of yellow, orange, salmon, rose, etc. These flowers glittering in the sunshine present a truly magnificent appearance. Pkt. 10c. $\frac{1}{4}$ Oz. 45c.



Dianthus—Double Annual Pinks

DOLICHOS (Hyacinth Bean)

A rapid, growing climber with attractive, heart-shaped leaves and freely flowering in erect racemes. The seed pods as well as the flowers are very ornamental. A splendid vine for covering arbors, trellises, etc.

930. White**931. Purple**

Any of the above colors. Pkt. 10c. Oz. 15c.

932. Mixed colors. Pkt. 10c. ¼ Oz. 40c.

940. ECHINOPS (Globe Thistle)

Ritro. This is a thistle-like perennial plant 5 to 6 feet high with steel blue heads, coming into color in July and August. It forms an excellent background plant for the more brilliantly colored flowers. The globe heads can be cut for dried winter bouquets. Pkt. 10c. ¼ Oz. 25c.

EUPHORBIA (Snow-on-the-Mountain)

970. Strong growing annuals, suitable for beds or mixed borders. The lovely green foliage margined with white, is extremely ornamental. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

EUPHORBIA HETEROPHYLLA (Mexican Fire Plant)

971. An annual growing 2 to 3 feet high with green leaves, those at the top turning orange scarlet and resembling Poinsettia. Pkt. 10c. ¼ Oz. 50c.

1000. GERANIUM

Well known plant for garden or pot culture. Flowering from seed the first season if sown early. Brilliant colors mixed. Pkt. 10c. ¼ Oz. 50c.

GAILLARDIA**(Mexican Blanket Flower)**

A hardy perennial easily cultivated and very satisfactory for mixed borders and cutting. These daisy-like flowers are large, beautiful and colored brilliant golden-yellow, crimson, orange, amaranth and claret. They bloom throughout the entire season.

980. Picta. Large single crimson and orange colored flowers. Pkt. 10c. Oz. 45c.

981. Lorenziana. Gaily colored double flowers with tubular florets. Pkt. 10c. Oz. 50c.

983. Grandiflora. Hardy perennial plant producing flowers three inches or more in diameter. Mixed shades. Pkt. 10c. ¼ Oz. 30c.

1020. GODETIA (Satin Flower)

A most attractive, bushy little annual plant, bearing brightly colored flowers of a satiny texture. The plants bloom profusely and are very effective in gardens. Choice Mixed. Pkt. 10c. Oz. 40c.

1040. GOURDS

Annual climbers, rapid growers, 20 to 25 feet high. The vines bear ornamental fruit in most peculiar shapes. Very suitable for covering arbors, fences and trellises. Pkt. 10c. Oz. 25c.

GYPHOPHILA (Baby's Breath)

Delicate, graceful little plants with small flowers. Much in demand for cutting and combining with other flowers for bouquets and vases.

1050. Elegans alba Grandiflora. A large flowering annual white variety. Several sowings should be made a season. Pkt. 10c. Oz. 20c.

1051. Elegans Rosea. An annual form with delicate pink flowers. Pkt. 10c. Oz. 20c.

1052. Paniculata. This is a perennial white Baby's Breath. It blooms the first year from seed if planted early. Pkt. 10c. Oz. 30c.

1070. HELIANTHEUM MUTABILE (Fickle Sunrose)

A prostrate growing shrub-like evergreen plant with grayish flowers and showy single flowers, at first light rose changing to lilac and white. Pkt. 10c. ¼ Oz. 30c.

1160. HUMULUS JAPONICUS (Japanese Hop)

An annual vine with deeply cut foliage making a growth of 10 to 20 ft. from seed sown in May. Pkt. 10c. Oz. 35c.

ESCHSCHOLTZIA**California Poppy**

Popular garden annuals of easy culture, forming bushy plants with silvery leaves and large saucer-like flowers of brilliant colors. Blooms profusely from early spring until frost.

950. White. Pkt. 10c. Oz. 30c.

951. Rosy Queen. Soft, rosy-pink. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

952. Carmine King. Beautiful deep crimson. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

953. Golden West. Bright yellow with orange center. Pkt. 10c. Oz. 30c.

954. Collection of a packet each of the above 4 varieties, 35c.

955. Brilliant Colors Mixed. Pkt. 10c. Oz. 30c.

New Introductions**California Poppies**

We are offering below a select list of some of the newer and most recent strains and colors. Seed secured from the originator. California Poppies are so easy to grow that every one should have them. Sow in the permanent bed and thin out, do not transplant. They grow about 12 inches high and bloom all summer.

960. Ballet Girl, cochineal carmine, creamy white.

961. Lovely, rose pink suffused salmon.

962. Mauve Beauty, pure mauve.

963. Orange Flame, vivid orange scarlet.

964. Purple Glow, reddish purple.

965. Scarlet Beauty, deep scarlet.

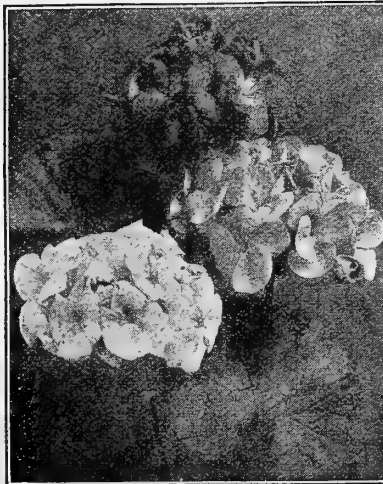
966. Tango, bronzy red overlaid terra cotta.

Any of the above colors. Pkt. 10c. ¼ Oz. 50c.

967. Collection of a packet each of the above 7 varieties, 60c.

1030. GOMPHRENA**(Globe Amaranth)**

This everlasting is popularly known as Bachelor's Button. The white, rose and purple-colored flower-heads look like those of red clover. It is an excellent flower for bedding or dried for the winter bouquet. Cut before the flowers are fully matured and hang up to dry. Pkt. 10c. Oz. 30c.



Bolgiano's Brilliant Geraniums

HELICHRYSUM MONSTROSUM**Straw Flowers**

Attractive for beds and borders, but especially grown to dry and use in vases and baskets throughout the winter. When grown for the purpose of drying and using for winter decoration, the flowers should be cut when about one-third open and with as long stems as possible. The foliage should be striped off, then tie in bunches and hang heads downwards in a dark dry place to cure. The plants should be given plenty of room to grow, at least 12 inches apart. Most any soil is suitable.

The named varieties offered below will give a wonderful assortment of colors and brighten your garden with their glittering blooms. 2½ feet high.

1090. Fireball

1093. Rose Carmine

1091. Golden Ball

1094. Salmon Queen

1092. Silver Ball

1095. Violet Queen

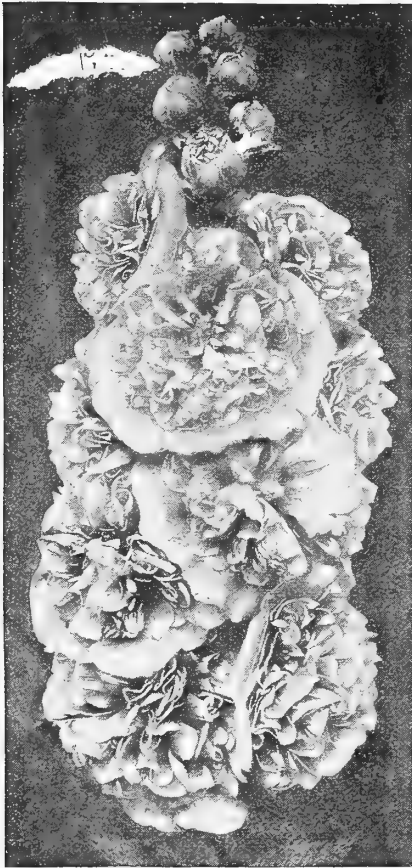
Any of the above colors. Pkt. 10c. ¼ Oz. 30c.

1096. Collection of a packet each of the above 6 varieties, 50c.

1099. Mixed colors. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1110. HEUCHERA SANGUINEA (Coral Bell)

Two feet high and produces long sprays of small, coral-red, dainty, bell-shaped flowers. It is desirable for the hardy border or rockery, where it blooms from spring to late fall. Coral Bells are useful to florists for cut flowers. Pkt. 20c.



Superb Double Hollyhock

1100. HELIOTROPE

A half-hardy perennial plant 1 to 2 feet high, useful for borders, bedding and cut flowers. The flowers grow in bright branching clusters and are of exquisite fragrance. Pkt. 10c. ¼ Oz. 50c.

1120. HIBISCUS (Marshmallow)

A hardy annual of easiest culture, with beautiful, large, single flowers. Very effective among low growing shrubs. Finest Mixed. Pkt. 10c. ¼ Oz. 30c.

HUNNEMANNIA**Giant Yellow Tulip Poppy or Bush Eschscholtzia)**

1165. Fumariaefolia. This is by far the best of the poppy family for cutting purposes, the flowers keeping fresh in water for over a week. These bushy plants with beautiful, feathery, glaucous foliage are covered with large, clear, bright yellow, cup-shaped flowers from July until frost. Pkt. 10c. ¼ Oz. 30c.

Kochia Trichophylla**(Mexican Fire Plant)**

1190. An old-fashioned, popular annual sometimes known as Belvidere, Mock Cypress, Mexican Fire Plant, etc. It is easily grown from seed, forming oval bushes 2 to 2½ feet high with dense feathery foliage. This foliage deepens in color as the summer advances until the whole plant assumes a fiery crimson hue. Pkt. 10c. Oz. 25c

1200. KUDZU VINE

A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Foliage large and lobed; purple, sweet pea-like flowers in clusters, borne late in the season. A vine for arbors, verandas, etc. Easily grown from seed. Pkt. 10c. Oz. 45c. ¼ Lb. \$1.35.

1240. LATHYRUS LATIFOLIUS**(Hardy Everlasting Peas)**

These climb 6 or 8 feet when trained on a trellis. The flowers are borne in large clusters and resemble the sweet pea. They are peculiarly adapted to rough places, to scramble over rocks or bushes. Splendid for cut flowers. Mixed colors. Pkt. 10c. Oz. 75c.

HOLLYHOCKS

A charming, old-fashioned plant, very desirable for hedges and backgrounds on account of its beautifully colored flowers and stately appearance. Sow seed in July and August for bloom the following year.

Chater's Superb Double

1130. White
1133. Rose

1131. Newport Pink
1134. Crimson
1136. Salmon

1132. Yellow
1135. Maroon

any of the above colors. Pkt. 10c. ¼ Oz. 65c.

1137. Collection of a packet each of the above 7 varieties, 60c.

1138. Mixed colors. Pkt. 10c. ¼ Oz. 40c.

Single Varieties

1140. Many garden lovers consider the Single Hollyhocks more artistic. They produce a large graceful flower and are very vigorous in growth. Mixed colors. Pkt. 10c. ¼ Oz. 25c.

Mammoth Allegheny

1145. An exceedingly tall large flowered strain. The stalks often reach 7 feet in height. The flowers are semi-double, fringed, ranging in color from the palest of pink to deep red. Flowers measuring 5 inches across and beautifully fringed are produced throughout the summer. Mixed colors. Pkt. 10c. ¼ Oz. 40c.

HELIANTHUS (Sunflowers)

These old-fashioned stately plants are especially valuable for backgrounds. They grow tall, make a dense growth and are often used for a screen to hide unsightly places. Their bright yellow flowers last for a long time.

1080. Stella (Miniature Sunflower). Plants grow 3 feet high with many spreading branches. Their large single golden-yellow flowers with black centers are excellent for cutting. Pkt. 10c. Oz. 50c.

1081. Double Chrysanthemum Flowered. Plants grow 7 feet tall and produce large double flowers from 7 to 11 inches in diameter. These flowers are a rich golden yellow with fringed petals which closely resemble the chrysanthemum. Pkt. 10c. Oz. 25c.

1082. Augustifolius Autumn Glory. These are perennial and most attractive autumn flowers. They bloom in September, the plants being covered with a mass of yellow flowers with black eyes. Pkt. 10c. ¼ Oz. 50c.

1083. Annuus Purpureus (Red Sunflower). Red flowers tipped with yellow, varying in size. 4 to 8 ft. Pkt. 10c. Oz. 30c.

IPOMEA**Morning Glory**

1170. Japanese. A handsome showy climber of easy culture and suitable for covering windows, trellises, old stumps, etc. The flowers are most brilliant in the morning and run through many shades, from white to dark blue, red and striped. Hardy annual. 30 to 50 feet high. Pkt. 10c. Oz. 20c. ¼ Lb. 60c.

1171. Frilled and Fancy Morning Glory. The most beautiful of all vari-colored morning glories. Pkt. 10c. ¼ Oz. 30c.

1172. Heavenly Blue. Immense flowers of a clear sky blue color. A perfect beauty. Pkt. 10c. ¼ Oz. 50c.

1173. Brazilian Morning Glory (Setosa). The flowers of this variety are a pleasing shade of pink. It flowers heavily and is a vigorous grower. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

MOON FLOWERS**1175. Grandiflora.**

One of the most vigorous summer climbers, growing 30 to 40 feet in a season. The foliage is large and luxuriant, affording dense shade for porches. The flowers are white, very large and saucer-shaped; opening every evening and cloudy day. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1176. Bona Nox.**(Evening Glory).**

Violet blue flowers similar to the white Moon Flower but not quite so large. Pkt. 10c. Oz. 20c.



Bolgiano's Beautiful Moon Flowers

ANNUAL LARKSPUR

The Annual Larkspurs have been gaining in popularity each year, due to the ease with which they may be grown, their earliness to commence flowering and increasing range of colors. Seed should be sown in open ground as early in the spring as possible. If sown early in April, plants can be had in bloom early in July. About a foot should be allowed between plants. As cut flowers Annual Larkspurs are unsurpassed.

- | | | |
|-------------|-----------------|------------------|
| 1220. White | 1222. Flesh | 1224. Carmine |
| 1221. Lilac | 1223. Rose | 1225. Light Blue |
| | 1226. Dark Blue | |

Any of the above colors. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1227. Collection of a packet each of the above 7 varieties, 60c.

1229. Mixed colors. Pkt. 10c. Oz. 50c.

1210. LANTANA

A small well-known shrubby plant with clusters of verbena-like flowers of orange, rose, white, etc. Flowers very freely and can be potted for winter blooming. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

LOBELIA

Charming little plants of delicate beauty, suitable for hanging baskets, edging or pot culture. They bloom continually from June to November.

1280. *Crystal Palace Compacta*. The very best bedding variety; rich dark blue; four inches high. Pkt. 10c. ¼ Oz. 30c.

1281. *Gracilis*. Trailing habit; suitable for hanging baskets, vases, etc. Flowers dark blue. Pkt. 10c. ¼ Oz. 25c.

1282. *Cardinalis (Cardinal Flower)*. A hardy perennial plant growing 3 feet tall. It thrives best in a moist slightly shaded position. The flowers are a rich dazzling crimson and the foliage a bright green. Pkts. 20c.

MARIGOLD

Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting.

African Tall Double

1310. *Prince of Orange*. Large, double, quilled flowers of a deep orange color. The very best African variety. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1311. *Lemon Queen*. Immense double flowers of a deep lemon color, splendid when contrasted with the Orange Ball. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1312. *Finest Mixed*. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1313. African Dwarf Double

Immense golden yellow flowers. Compact dwarf habit, forming dense bushes. Finest mixed varieties. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1314. French Tall Double

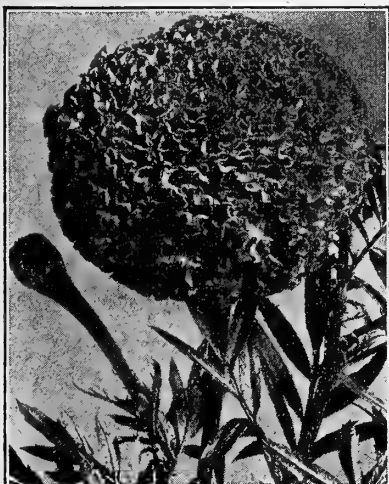
Large bushes covered with a multitude of double flowers. Mixed shades. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1315. French Dwarf Double

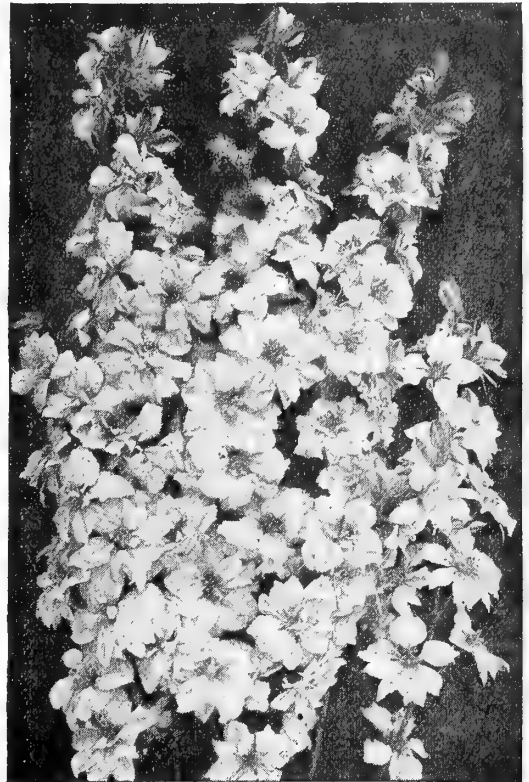
Extremely effective for beds and borders. They flower from early spring until late fall. Plants 12 inches high. Finest Mixed. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1316. Legion of Honor (Little Brownie)

A single-flowering marigold forming compact bushes about 9 inches high. It begins to bloom in June and continues until frost. The flowers are bright golden-yellow, marked with a large blotch of velvety crimson at the base of each petal. Pkt. 10c. ¼ Oz. 15c. Oz. 45c.



Bolgiano's Double Flowering Marigold



Annual Larkspur

LINUM (Flax)

1270. *Grandiflorum Rubrum (Scarlet Flax)*. The plant grows from 1 to 2 feet tall and produces quantities of bright red flowers resembling single flowered pinks. It is highly ornamental and most satisfactory plant for beds or edgings. Pkt. 10c. Oz. 25c.

LUPINUS (Lupine)

1290. *Hartwegii*. A very attractive plant with beautiful foliage and long spikes of blossoms, resembling those of the sweet pea. The plant attains a height of 3 ft. and forms a pleasing background for other flowers. Desirable for cut flowers. Mixed colors. Pkt. 10c. Oz. 25c.

Polyphyllus Sorts

A perennial form of Lupine growing 3 feet tall and producing graceful spikes of flowers. It does well in most any soil, but prefers a little shade.

- | | | |
|-------------|------------|------------|
| 1295. White | 1296. Rose | 1297. Blue |
|-------------|------------|------------|

Any of the above colors. Pkt. 10c.

1298. Collection of a packet each of the above 3 varieties 25c.

1299. Mixed colors. Pkt. 10c. Oz. 30c.

LYCHNIS (Rose Campion)

1300. *Haageana*. A beautiful little perennial plant growing about 12 inches high and producing large clusters of orange-red, scarlet or crimson flowers. Splendid for massing in beds and borders. Pkt. 10c.

LYTHRUM ROSEUM SUPERBUM (Rose Loosetrife)

1305. Strong erect growing perennials with willow-like leaves and beautiful rose colored blooms. Appearing July to September, 4 to 6 ft. Pkt. 10c. ¼ Oz. 30c.

MATRICARIA (False-Canomile)

1330. *Capensis alba (Double White Feverfew)*. A handsome plant producing all season multitudes of small double pure white flowers in dense clusters. Excellent for cutting. Pkt. 10c. ¼ Oz. 25c.

1275. LUNARIA ANNUA (Honesty)

1½ to 2½ ft. branching, fragrant, pinkish purple flowers borne in May and June. Useful in sandy damp places and in shade. The large flat pods are used in winter bouquets. Pkt. 10c. ¼ Oz. 30c.



Bolgiano's Mammoth Mignonette

MIGNONETTE

No garden is complete without this fragrant, modest-colored flower. Mignonette can be had in bloom at almost any time during the year. The flowers grow closely together in cone-shaped spikes. Splendid in bouquets of more pretentious flowers.

1360. Machet. The best variety, flowers lasting until late in the fall. Pkt. 10c. Oz. 40c.

1361. Bolgiano's Mammoth Flowering. Unusually large flower heads. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1340. MATTHIOLA BICORNIS (Evening Scented Stock)

An old-fashioned, easily grown annual, suitable for edging, bedding, pot culture and cutting. The flowers are a purplish lilac, and very fragrant. Pkt. 10c. Oz. 25c.

MESEMBRYANTHEMUM CRYSTALLINUM (Ice Plant)

1350. A dwarf, annual, trailing plant with small white flowers. Its foliage is covered with glistening dots or elevations, which make the plant highly ornamental for window gardens and hanging baskets. Pkt. 10c. Oz. 30c.

MIMOSA PUDICA (Sensitive Plant)

1355. An interesting annual grown for its sensitive foliage, the leaves close and droop when touched or shaken, pinkish white flowers. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1370. MIRABILIS (Four O'Clock)

An old-fashioned, quick-growing plant producing brilliantly colored flowers, which open around 4 o'clock in the afternoon. It is very useful for borders or hedges. Pkt. 10c. Oz. 20c. ¼ Lb. 60c.

1440. NIGELLA (Love in the Mist)

Miss Jekyll. A compact, free-flowering plant with attractive feathery foliage and dainty blue flowers. The seed pods are very ornamental and curious. Pkt. 10c. Oz. 15c.

Bolgiano's Giant Flowering Nasturtiums

Make your garden bloom with a gorgeous profusion of flowers by planting nasturtiums. No other annual yields such large returns for so little time and labor. They are suitable for bedding, edging and cut flowers.

Dwarf Giant Flowering

1390. Beauty. Yellow spotted scarlet.

1391. Cloth of Gold. Scarlet flowers with yellow foliage.

1392. Empress of India. Deep crimson flowers, dark green foliage.

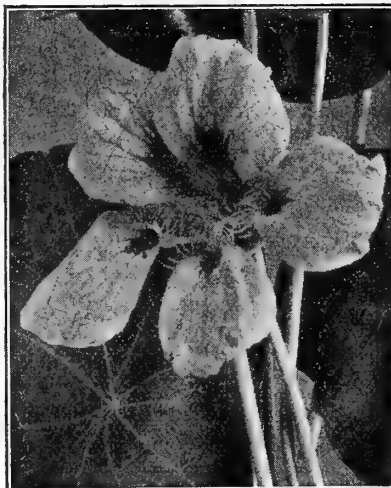
1393. French Chameleon. Produces combination of red and yellow flowers on the same plant.

1394. King of Tom Thumbs. Deep scarlet flowers with dark green leaves.

1395. King Theodore. Beautiful dark maroon flowers with dark green foliage.

1396. Pearl Amber. White flowers.

1397. Prince Henry. Pale yellow flowers spotted and tipped red.



Bolgiano's Giant Flowered Nasturtium

1398. Queen of Tom Thumbs. Giant crimson flowers with variegated green and white foliage.

1399. Rose. Soft carmine rose.

1400. Ruby King. Giant red flowers.

1401. Spotted or Lady Bird. Golden yellow, spotted cardinal red, calyx and spur ruby colored.

Any of the above Dwarf Sorts: Pkt. 10c. Oz. 20c. ¼ Lb. 60c.

1404. Collection of a packet each of the above 12 varieties, \$1.00.

1405. Finest Mixed. Pkt. 10c. Oz. 15c. ¼ Lb. 45c. Lb. \$1.25.

TALL GIANT FLOWERING

1415. Giant flowering, gorgeous mixture, annual climber, 6 to 10 ft. high, producing large flowers, flowering best in light dry soil. Pkt. 10c. Oz. 15c. ¼ Lb. 40c. Lb. \$1.00.

OXALIS

1460. Rosea. Splendid free-flowering plants with clover-like leaves and small star-shaped pink flowers. It blooms continuously from June until frost and is especially valuable for window boxes and hanging baskets. Pkt. 10c. ½ Oz. 50c.

PENTSTEMON (Beard Tongue)

1510. Gloxinoides "Sensation." For the hardy border or for bedding this is most satisfactory. The plant grows about 2 feet high with each branch becoming a spike of large gloxina-like flowers. The colors are various shades of pink, red and purple. Pkt. 20c.

PHYSALIS (Chinese Lantern Plant)

1560. Francheti. Used by florists and decorators in winter bouquets. It should be given an early start in-doors in order to mature its gorgeous orange scarlet lanterns, or seed vessels before frost. 2 feet high. Pkt. 10c. ½ Oz. 30c.

PLATYCODON

(Japanese Bellflower or Balloon Flower)

1580. Grandiflorum. It forms a large clump 2 ft. high which blooms continuously from May to October. The flowers are a delicate blue color. In the autumn when clearing off the border do not cut away the old stems of Platycodon, but let the plant die off naturally, otherwise the buds of next year's bloom may be injured. Pkt. 10c. ½ Oz. 45c.

MYOSOTIS (Forget-Me-Not)

These dainty little perennial plants with their charming blue flowers are very effective for mass planting, ground covers for spring flowering bulbs, borders and as house plants. They are easily grown and combine most attractively with other flowers.

1380. Alpestris. Rich indigo blue flowers. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1381. Palustris Semperflorens. An everblooming variety with large sprays of clear blue delicate flowers. They bloom continuously from May till frost. Pkt. 20c. ½ Oz. 50c.

1420. NEMOPHILA. (Baby Eyes)

A splendid annual for garden decoration with bright colored bell-shaped flowers growing in great profusion. Excellent for beds, borders and cut flowers. Pkt. 10c. Oz. 25c.

NICOTIANA (Sweet Scented Tobacco)

Beautiful star-shaped flowers on long graceful stems. Desirable for bedding and background for lower growing plants. It blooms continually and is extremely fragrant.

1430. Affinis. Large white sweet scented flowers opening morning and evening. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1431. Sanderae Hybrids. A beautiful bushy plant growing 2 feet high. It is laden with pink blossoms from early summer until late fall. The flowers remain open all day. Pkt. 10c. ¼ Oz. 30c. Oz. 90c.

Pansies

The most popular flower of the garden; everyone loves pansies. No flower responds more quickly to careful attention than does this one and it should be the desire of every gardener to grow large pansies with long strong stems and a wide range of color. To get the best results pansies should be sown in July or August for early spring bloom and in the spring for fall bloom.

In germinating seed allow plenty of ventilation. Keep your beds moist, but not soaking wet, until plants come up. Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal. Use 60 to 75 sq. ft. to sow an ounce. 5000 plants are estimated to the ounce and many growers report much higher percentages.

GIANT PANSIES IN MIXTURE

1470. Bolgiano's Mastodon. This type is noted for its beautiful colorings, unusual size and substance, large, curled, wavy petals and long stems. Pkt. 20c. $\frac{1}{8}$ Oz. \$2.50.

1471. Benary's Non Plus Ultra. One of the richest mixtures ever sent out, and containing the Blotched and Masterpiece varieties in greatest proportion; very effective. Pkt. 10c. $\frac{1}{8}$ Oz. \$1.00.

1472. Heinr. Mette's Mammoth 5 Blotched, from named varieties. The immense flowers of this class resemble Cassier's, but are of almost double the size, full round form and comprising the most magnificent colors. Pkt. 20c. $\frac{1}{8}$ Oz. \$2.60.

1473. Heinr. Mette's Triumph of the Giants, Original. The imposing 5 spotted flowers which on long vigorous stalks surmount the foliage in the most graceful manner, are of enormous size, perfectly round form and unusual substance. The individual petals are exceedingly broad and cover each other in such a manner as to make the flowers appear almost double. With most of the flowers, the border of every petal is conspicuously undulated and curled.

The beauty, brilliancy and richness of color is most striking; also very rare and new tones of red and brown are met with in these flowers. Pkt. 25c. $\frac{1}{8}$ Oz. \$4.00.

1475. English Pansies. The old Faced Pansy, compact habit. Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

1480. Giant Adonis. Light blue with white center. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.20.

1481. Giant Lord Beaconsfield. Deep purple, upper petals white. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00.

1482. Giant Snowflake. Pure white. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.30.

1483. Giant Bridesmaid. White and rose, beautifully blotched. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.50.

1489. Collection of a packet each of the above 8 varieties, 70c.

PETUNIAS

Sow seed lightly on the seed bed and gently press into the soil. Transplant when large enough, being careful to save even the smallest seedlings for oftentimes the smallest, frailest seedlings produce the finest blooms. Petunias delight in a sunny position.

BEDDING VARIETIES

1521. Striped and Blotched. A beautiful strain of striped and blotched petunias in varied brilliant colors. Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

1522. Viola cea. A most attractive rich velvety violet-blue petunia. Pkt. 10c. $\frac{1}{8}$ oz. 75c.

1523. Howard's Star. Crimson-maroon with a clearly defined five-pointed star of blushing white. Pkt. 10c. $\frac{1}{4}$ Oz. 60c.

1524. Snowball. A splendid compact petunia, with pure satiny-white flowers. Pkt. 10c. $\frac{1}{8}$ Oz. 50c.

1525. Rosy Morn. Soft crimson-pink with white throat. Unusually dainty and attractive. Pkt. 10c. $\frac{1}{8}$ Oz. 50c.

1526. General Dobb's. Velvety blood red single. Pkt. 10c. $\frac{1}{8}$ Oz. 40c.

1520. Collection of a packet each of the above 6 varieties, 50c.

1529. Mixed colors. Pkt. 10c. $\frac{1}{4}$ Oz. 35c.

Ruffled Giants

1530. A ruffled single petunia with exceptionally beautiful form, extraordinary size and substance. A gorgeous variety for florists. Pkt. 20c.

Fringed Double Giants

1535. Mixture of the best large flowering and fringed double petunias. Pkt. 50c.



Triumph of the Giants

1474. William Leid's Mastermixture. A new Novelty Mixture containing an extra wide range of colors. This mixture has been highly praised by many of the largest and best cultivators of Pansies, both as to size and coloring. Pkt. 20c. $\frac{1}{8}$ Oz. \$2.00.

1476. Orchid Flowered. Rare light shades, large frilled flowers, very attractive. Pkt. 10c. $\frac{1}{4}$ Oz. 75c.

1477. Bolgiano's Rainbow Mixture. A well balanced assortment of colors and varieties will be found in this mixture. The flowers, while not as large as those produced from the Giant varieties, are of good size and produced in abundance. Pkt. 10c. $\frac{1}{4}$ Oz. 40c.

SEPARATE COLORS

1484. Giant Emperor William. Cornflower blue, dark eye. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00.

1485. Giant Yellow. Large black eye. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00.

1486. Giant Golden Queen. Pure yellow. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.40.

1487. Giant Cardinal. Brilliant dark scarlet with darker eye. Pkt. 10c. $\frac{1}{4}$ Oz. \$2.40.

PHYSOSTEGIA (False Dragon Head)

1570. Virginica. One of the most beautiful plants for the hardy border. The plant grows 4 feet high and produces long spikes of delicate, pink flowers from July to frost. Pkt. 10c.

PYRETHRUM (Painted Lady)

1640. Roseum Hybridum. The plant grows 2 to 3 feet high and produces quantities of beautiful, rose-colored, daisy-like flowers with yellow centers. They bloom during May and June and again in the fall. After the spring blooming season cut down the foliage to the basal leaves and feed with bone meal to insure larger and more prolific blooms in the fall. Pkt. 10c. $\frac{1}{4}$ Oz. 60c.

POLEMONIUM CAERULEUM (Jacobs Ladder)

1575. A hardy perennial with bell shaped bluish purple flowers nearly 1 inch across. May to July. Pkt. 10c. $\frac{1}{4}$ Oz. 25c.

PORTULACA (Mexican Rose)

There are few flowers that make such a dazzling display of colors in the bright sunshine as a bed of portulaca. They bloom from the first of July until killed by frost, growing 6 to 8 inches high.

1620. Single Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 75c.

1625. Double Rose Flowered Mixed. A large percentage of the flowers will come perfectly double. The colors are a brilliant scarlet crimson, white and yellow. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00.

Poppy

When sowing the seed see that it is just barely covered. Seed should be sown where plants are intended to grow as they will not stand transplanting. Thin out to 3 to 4 inches apart. Pick off the old blooms to prolong the flowering period. Successive sowings made during the season will insure a continuation of bloom.

SINGLE ANNUAL VARIETIES

1590. Bolgiano's Choice Shirley Mixture. This strain is especially grown for us and the colors are carefully blended, they range through apple blossom, deep pinks, old rose, crimson, terra cotta, white to the deepest red. Pkt. 10c. Oz. 30c.

1592. Umbrosum (Caucasian Poppy). Dark crimson with a black blotch on lower part of each petal. One and 1½ ft. high. Pkt. 10c. Oz. 35c.

1593. American Legion. A brilliant orange-scarlet, simply poppy of immense size, borne on long stout stems. Pkt. 10c. Oz. 40c.

DOUBLE ANNUAL VARIETIES

1600. American Flag. Beautiful variety. Flowers very large and double; snow white bordered with scarlet. Pkt. 10c. Oz. 30c.

1601. Mikado. Brilliant scarlet and white with curved petals like a chrysanthemum. Pkt. 10c. Oz. 30c.

1602. Shrimp Pink. A gorgeous peony flowered double poppy with a most delicate shrimp pink color. Pkt. 10c. Oz. 30c.

1603. Carnation Flowered Mixed. A very fine mixture with large, double fringed flowers. Pkt. 10c. Oz. 25c.

1604. Peony Flowered Mixture. Immense, showy, double flowers; very similar to a peony. Pkt. 10c. Oz. 25c.

PERENNIAL VARIETIES

1610. Iceland Poppy. It flowers the first year from seed, blooming almost as quickly as the annual sorts. Their white, sulphur, yellow and orange flowers held above a tuft of glaucous foliage are unusually beautiful and attractive. Pkt. 10c. ¼ Oz. 65c.

1611. Oriental Poppy. 2½ to 3 ft. high. Large, single, scarlet flowers, blotched at the base of each petal. Pkt. 10c. ¼ Oz. 65c.

1613. Oriental Hybrids. A mixture of beautiful named varieties in various colors. Pkt. 10c. ¼ Oz. 75c.

PHLOX DRUMMONDI GRANDIFLORA

This strain of Phlox is the annual form and is also called "Texan Pride." The seed should be sown as early as possible in the spring. Almost any soil is suitable, but best results will be secured on light loamy soil in full sunshine. They grow about 15 inches tall and produce dense heads of brightly colored flowers.

1540. White **1543. Crimson**

1541. Flesh **1544. Primrose**

1542. Lilac

Any of the above colors. Pkt. 10c. ¼ Oz. 50c.

1545. Collection of a packet each of the above 5 varieties, 45c.

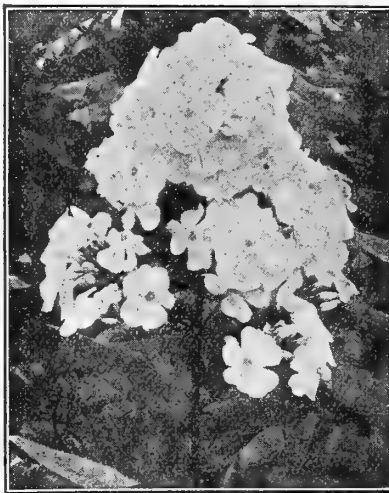
1549. Choice Mixed. Pkt. 10c. ¼ Oz. 35c.

HARDY PHLOX

1550. Phlox decussata. Perennial phlox. 2 to 3 ft. high, forming large bushes and bearing immense heads of flowers. Finest mixed. Pkt. 10c. ¼ Oz. 50c.



Dwarf Bonfire Scarlet Sage



Bolgiano's Hardy Phlox



Bolgiano's Brilliant Oriental Poppies

PRIMULA

Sow seed in March in a cold frame or out-doors in May to July. Primroses delight in a moist, well drained, partly shaded position.

1630. Japonica (Japanese Primrose). A hardy primrose which bears its showy flowers in umbels or clusters arranged one above another on erect stems 6 to 9 inches long. Beautifully colored—varying from rich dark crimson through rose and pink to white. Pkt. 20c.

1635. Primula Elatior (Oxlip Primrose)
Hardy perennial showy flowers in early spring, pot or outdoor culture. 9 in. Mixed colors. Pkt. 20c.

RICINUS (Castor Oil Beans)

Garden annual of luxuriant growth with large palm-like leaves; very attractive on account of their semi-tropical effect. The colors of the foliage are very rich ranging from green to deep bronze. Desirable for lawns, massing or center plants for beds.

1660. Gibsoni. Dark red foliage. Pkt. 10c. Oz. 25c. ¼ Lb. 75c.

1661. Zanzbariensis. Immense size. Coppery-bronze, changing to dark green with reddish ribs. Pkt. 10c. Oz. 25c. ¼ Lb. 75c.

1662. Mixed Varieties. Pkt. 10c. ¼ Lb. 55c. Lb. \$1.65.

RUDBECKIA (Cone Flower)

1670. Laciniata (Golden Glow). A very popular hardy perennial attaining a height of 5 to 6 ft. and producing masses of golden yellow cactus dahlia-like flowers. Blooms from July until September. Pkt. 10c. ¼ Oz. 40c.

1671. Newmani. A hardy plant producing an abundance of orange yellow flowers with large black cone-shaped centers. The flowers are borne on long stems and keep well in water, making them valuable for cutting. Pkt. 10c. ¼ Oz. 45c.

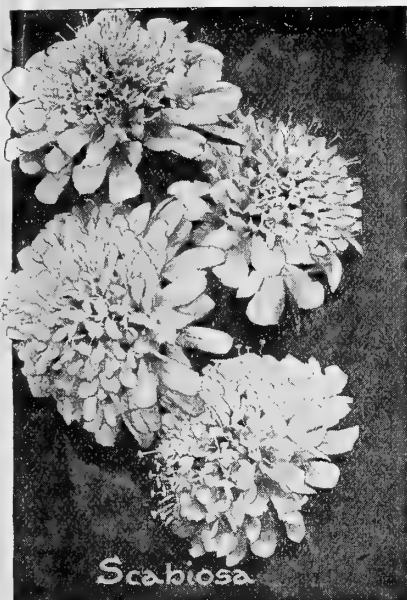
1672. Purpurea (Giant Purple Cone Flower). The most beautiful hardy perennial Cone Flower. It produces all summer large reddish-purple flowers about 4 inches in diameter. Pkt. 10c. ¼ Oz. 70c.

SALVIA

1690. Splendens (Scarlet Sage). Among the most brilliantly colored garden flowers, and extremely useful for bedding, hedging or borders. It is a blaze of flaming scarlet, each plant bearing countless numbers of flower spikes. Pkt. 10c. ½ Oz. 50c.

1691. Dwarf Bonfire or Little Lord Fauntleroy. This is one of the finest scarlet sages growing 2 ft. high. Its brilliant red spikes stand above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden. Pkt. 10c. ½ Oz. 70c.

1692. Farinacea. These perennial plants grow about 3 feet tall and produce large spikes of lavender blue flowers held high above the plant. Start seed in-doors during March or April and remove to the open ground in May. Pkt. 10c. ½ Oz. 60c.



SCABIOSA (Mourning Bride)

A very beautiful plant and a great favorite with gardeners, splendidly adapted for beds, borders and cutting. The flowers are full, fluffy and exquisitely colored and borne on long graceful stems. When cut they keep for almost a week.

- | | |
|--------------------------------|--------------------------|
| 1700. White | 1703. Rose |
| 1701. Azure Fairy (Azure Blue) | 1704. Crimson |
| 1702. Flesh Pink | 1705. King of the Blacks |

Any of the above colors.....Pkt. 10c. ¼ Oz. 30c.

1706. Collection of a packet each of the above 6 varieties, 50c.

1707. Finest Mixed. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1709. **Caucasica (Blue Bonnet)**. A most desirable perennial plant growing about 3 feet high. Its artistic soft, lavender-blue flowers are excellent for cutting purposes. Pkt. 10c. ½ Oz. 85c.

1680. SALPIGLOSSIS (Painted Tongue)

The blossoms are tube-shaped much like a petunia but rivalling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold. All colors mixed. Pkt. 10c. ¼ Oz. 30c.

1710. SCARLET RUNNER VINE

This ornamental, rapidly growing annual reaches a height of 15 ft. It produces showy sprays of scarlet sweet pea-shaped blossoms, which are succeeded by delicious edible beans. Pkt. 10c. ¼ Lb. 20c. Lb. 60c.

1720. SCHIZANTHUS (Butterfly Flower)

Annual bearing a profusion of pretty butterfly-like flowers of various colors. Desirable for winter blooming and bouquets. Pkts. 10c. ¼ Oz. 25c.

STATICE (Notch Leaf Sea Lavender)

1740. **Sinuata Mixed**. Plants grow 2 feet tall and produce sprays of showy funnel-shaped flowers. Statice grows in most any soil, but requires full sunlight. The flowers retain their beautiful clear colors when dried. Pkt. 10c. Oz. 25c.

STOKESIA (Cornflower Aster)

1780. **Cyanea**. An indispensable plant for the hardy border growing 2 feet high. Stokesia likes a sunny, open location and adds its wealth of bloom from July to October—when other flowers are scarce. These blooms resemble the cornflower and are a delicate shade of blue in color. Splendid for cutting. Pkt. 10c. ½ Oz. 60c.

SWEET ROCKET (Hesperis)

1860. **Matronalis**. This is a valuable plant for the permanent border or amongst shrubbery. It grows 2 to 3 feet tall and produces spikes of delightfully fragrant white, lilac and purple flowers. Pkt. 10c. Oz. 40c.

1900. THUNBERGIA (Black-eyed Susan)

Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively for hanging baskets, vases, low fences, etc. Very pretty flowers in buff, white, orange, etc., with dark eyes. Pkt. 10c. ¼ Oz. 40c.

1935. VERONICA SPICATA (Spike Speedwell)

A hardy garden plant about 1 and ½ ft. high with long spikes of bright blue flowers in June and July. Pkt. 10c. ¼ Oz. 40c.

1940. VINCA ROSEA

(Madagascar Periwinkle or Old Maid)

An attractive annual with bright green, shiny foliage, and single five-petalled, star-shaped, rose-colored flowers. The plants grow about 15 inches tall, branch freely and are covered with blooms all during the summer and fall. With the approach of freezing weather the plants may be transplanted into pots or boxes for winter blooming indoors. Pkt. 10c. ¼ Oz. 50c.

VIOLAS

(Tufted Pansies or Horned Violets)

1950. **Papilio**. One of the best edging plants available—it is a mass of lavender-violet color from May to October. The flowers are somewhat smaller than the regular pansy but where color effect and a long season of flowering is desired, it is far superior. Keep the faded flowers cut off so as to have a greater number of blooms. Pkt. 10c. ½ Oz. 65c.

1960. WALLFLOWER

An old-fashioned garden flower. The large fragrant spikes are very conspicuous in beds and borders and are very useful in making bouquets. Finest Mixed. Pkt. 10c. Oz. 25c.

BOLGIANO'S TEN WEEK STOCKS LARGE FLOWERED GIANT PYRAMIDAL PERFECTION

The seed offered below has been secured from a German specialist in the cultivation of choice varieties of both forcing and outdoor stocks. The particular strain we have selected will produce plants 24 inches high, strong and bushy growth, with immense spikes of flowers. About 90% of the plants produce double flowers. The greatest of care has been exercised in the selection of this seed in order to obtain only the best quality. The strain we are offering is admirably suited both for bedding and cutting. Sow the seed in boxes early in spring and transplant when danger of frost is over.

- | | |
|-------------------|----------------------------|
| 1760. Snow-white | 1764. Lilac |
| 1761. Pure-yellow | 1765. Darkest black-violet |
| 1762. Pure-rose | 1766. Chocolate-brown |
| 1763. Blood-red | |

Any of the above colors. Pkt. 20c. ½ Oz. \$2.00.

1767. Collection of a packet each of the above 7 varieties, \$1.20.

1769. Mixed colors. Pkt. 20c. ½ Oz. \$1.80.

1970. WILD CUCUMBER (Echinocystis Lobata)

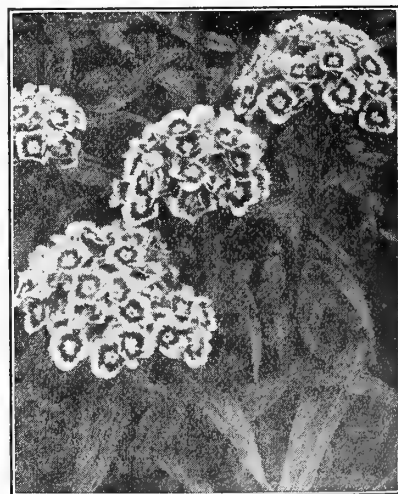
A rapid growing climber, thickly dotted with pretty white fragrant flowers, followed by ornamental seed pods. Pkt. 10c. Oz. 20c.

SWEET WILLIAM (Dianthus barbatus)

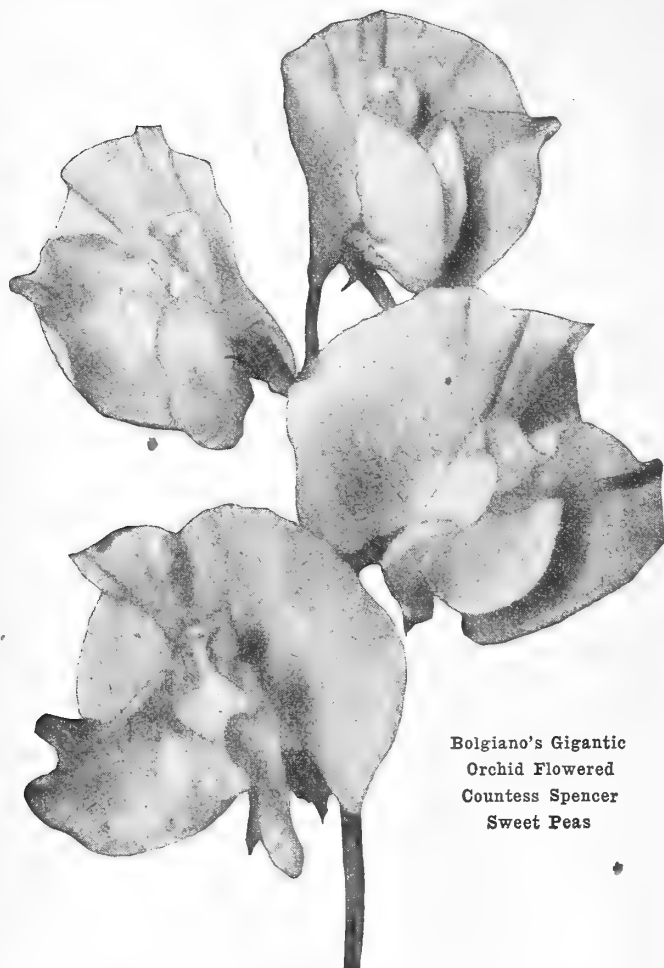
An old favorite hardy garden plant of easy culture, thriving in any good garden soil and lasting for years. Our strains produce large heads of fragrant flowers in a great variety of beautiful colors. The plants form large clumps and grow about 1 ft. high.

1870. **Single Mixed**. Pkt. 10c. Oz. 25c.

1880. **Double Mixed**. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.



Sweet William



Bolgiano's Gigantic
Orchid Flowered
Countess Spencer
Sweet Peas

1820. BOLGIANO'S MIXED ORCHID FLOWERING SWEET PEAS

This mixture contains the choicest named varieties blended in proper proportions, so as to insure a well-balanced color effect. Pkt. 10c. Oz. 25c. $\frac{1}{4}$ Lb. 75c. Lb. \$2.25.

1790. Bolgiano's Choice Mixture of Grandiflora Sweet Peas

This mixture is made up of the best Grandiflora varieties. It is blended carefully, so as to produce a good color effect. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 35c. Lb. \$1.00.

Bolgiano's Giant Orchid Flowering or Spencer Sweet Peas

Culture. Dig a trench 2 feet deep and 2 feet wide and fill with rich soil which has been carefully mixed with well rotted manure or black mold from the woods and generously sprinkled with lime. Early planting is necessary for best results with Sweet Peas as it gives the plants opportunity to develop good deep root systems to sustain them during the hot days. When the warm weather does come, such plants then make a strong upward growth. As soon as the frost is out of the ground in the spring and the soil is in a workable condition, sow the seed in drills 2 to 3 inches deep and 1 inch apart. Thin out the plants so they will stand 4 to 6 inches apart. Water, lime and deep cultivation are the essentials for Sweet Pea growing. When the young plants produce tendrils support them with chicken wire, sticks or string. Sweet Peas are heavy feeders—liquid manure applied once a week will be beneficial. Keep the seed pods picked off in order to lengthen the season of bloom and produce large, fine flowers. Sweet Peas may also be grown successfully in the fall by covering the bed with a heavy mulch which must be removed very early before the frost is entirely out of the ground.

1791. **Constance Hinton.** White tinted pink.

1792. **King White.** A superb pure white variety.

1793. **Elfrida Pearson.** Blush Pink. Four blooms to a single stem.

1794. **Hercules.** A beautiful rich pink.

1795. **Rosabelle.** Beautiful bright rose.

1796. **George Shawyer.** Large salmon rose.

1797. **Doris.** Soft salmon cerise.

1798. **Royal Salute.** Scarlet cerise.

1799. **Crimson King.** Rich deep crimson.

1800. **Maud Holmes.** Large bright rich crimson.

1801. **Splendour.** Rich reddish maroon.

1802. **Warrior.** Maroon colored of immense size.

1803. **Tangerine Improved.** Orange.

1804. **Sterling Stent.** Bright orange salmon.

1805. **Barbara.** Beautiful rich orange salmon.

1806. **Commander Godsall.** Large violet blue.

1807. **Mrs. Tom Jones.** The best azure blue variety.

1808. **Gladys.** Lilac self.

1809. **Hawlmarm Lavender.** Clear light lavender.

1810. **Royal Purple.** Large size and beautiful form.

1811. **Blanche Ferry.** Pink and white.

1812. **Marks Tey.** Rosy maroon, wings bluish mauve.

Prices—Any of the above: Pkt. 10c. Oz. 35c. $\frac{1}{4}$ Lb. \$1.00. Lb. \$3.00.

EARLY FLOWERING SPENCER SWEET PEAS

The following varieties of Early Flowering Spencer Sweet Peas, while primarily suited for growing in greenhouses by florists may also be planted outside with good results. They bloom much earlier than the regular outdoor varieties and if the old flowers are kept-picked, will continue to bloom for several months. The following varieties have been selected by us as the best in their respective shades:

Morse's Superior Pink. Rose-pink shaded salmon. Pkt. 20c. Oz. \$1.80.

Angelus. Salmon-pink, light cream ground. Pkt. 20c. Oz. \$1.80.

Silver Blue. Delicate lavender blue. Pkt. 10c. Oz. 85c.

Vulcan. Vivid scarlet. Pkt. 10c. Oz. 85c.

Jeanne Mamitch. Large rose. Pkt. 20c. Oz. \$1.80.

Orange King. Rich, deep orange. Pkt. 20c. Oz. \$1.80.

Pink Cherokee. Pink suffused salmon on cream ground. Pkt. 20c. Oz. \$1.50.

Eldorado. Orange salmon. Pkt. 20c. Oz. \$1.50.

Blue Bird. A pure blue. Pkt. 10c. Oz. 60c.

Burpee's Orange. Clear orange. Pkt. 10c. Oz. \$1.00.

Columbia. Rose pink and white. Pkt. 10c. Oz. 60c.

Flambeau. Orange cerise. Pkt. 10c. Oz. 60c.

Glitters. Bright orange scarlet. Pkt. 10c. Oz. 60c.

Grenadier. Dazzling scarlet. Pkt. 10c. Oz. \$1.00.

Harmony. Clear bright lavender. Pkt. 10c. Oz. 60c.

Miss Louise Gude. Shell pink. Pkt. 10c. Oz. 60c.

Mrs. Kerr. Salmon, orange suffusion. Pkt. 10c. Oz. \$1.00.

Mrs. W. G. Harding. Deep silvery blue. Pkt. 10c. Oz. \$1.00.

Rose Queen. Rich rose shell pink. Pkt. 10c. Oz. 60c.

Snowflake. Large waved white. Pkt. 10c. Oz. 60c.

Snowstorm Improved. Best white. Pkt. 10c. Oz. 60c.

True Blue. Pkt. 10c. Oz. 60c.

White Orchid. Pkt. 10c. Oz. 60c.

Yarrowa. Rose pink on cream. Pkt. 10c. Oz. 60c.

Zvolanek's Rose. Deep rose. Pkt. 10c. Oz. 75c.

Verbena Hybrida Grandiflora

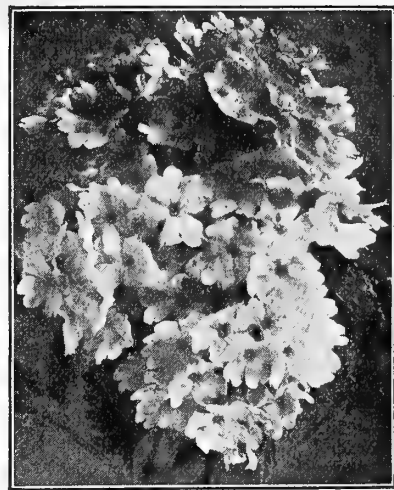
A magnificent new strain of Verbenas of robust compact habit and free blooming. The flower heads are immense, the individual florets measuring an inch in diameter. The Verbenas are fixed and come true from seed. We have secured our seed from the California originator.

- 1910. Blue, white eye.
- 1911. Lucifer, an improved strain, vivid scarlet self.
- 1912. Luminosa, flame pink shading to salmon. Pkt. 10c. ½ Oz. \$1.35.
- 1913. Pure White.
- 1914. Rose Cardinal, with large white eyes.
- 1915. Violacea Stellata, deep violet, white eye.
- Any of the above colors, except as noted. Pkt. 10c. ½ Oz. 65c.
- 1916. Collection of a packet each of the above 6 varieties, 50c.
- 1919. Mixed colors. Pkt. 10c. ½ Oz. 55c.

VERBENA (MAMMOTH FLOWERING)

An old favorite which may be used for beds, borders or window boxes. The flowers are showy, fragrant and bloom from June until frost.

- | | | |
|-------------|---------------|-----------------------|
| 1920. White | 1921. Pink | 1922. Yellow |
| 1923. Blue | 1924. Scarlet | 1925. Italian Striped |
- Any of the above colors. Pkt. 10c. ¼ Oz. 65c.
1926. Collection of a packet each of the above 6 varieties, 50c.
1927. Mixed colors. Pkt. 10c. ¼ Oz. 45c. Oz. \$1.35.



Verbena Hybrida Grandiflora

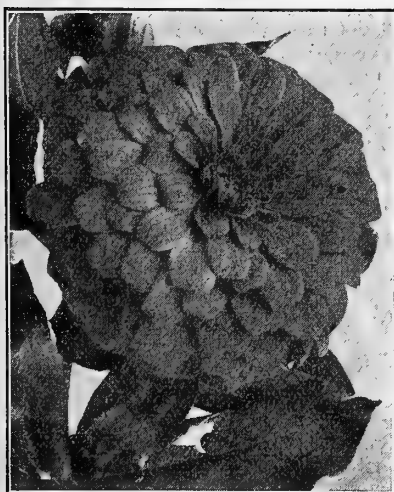
Zinnias

One of the most popular annuals for beds, mixed borders and cutting purposes. The zinnia blooms constantly from July until frost and does well in most any soil. To secure the largest flowers and a profusion of bloom, the plants must be given plenty of room for full development and an abundance of plant food.

Giant Dahlia Flowered Zinnia

The latest development in Zinnias. It took seven years of painstaking care and selection to produce this type of Zinnia, but it is now recognized the world over as being the largest and most beautiful Zinnia. The Dahlia Flowered Zinnia is a good forcer and money maker for florists. The plants are sturdy and the flowers, often measuring 6 inches in diameter and 4 inches in depth, closely resemble the Show Dahlia.

- 1990. Polar Bear, large pure white.
- 1991. Canary Bird, delicate primrose.
- 1992. Oriole, orange and gold.
- 1993. Old Rose.
- 1994. Exquisite, light rose.
- 1995. Scarlet Flame, bright scarlet.
- 1996. Crimson Monarch, largest red.
- 1997. Dream, deep lavender.
- 1998. Golden State, orange yellow.
- 1999. Purple Prince, deep purple.
- Any of the above colors. Pkt. 20c. ½ Oz. \$1.35.
- 2004. Collection of a packet each of the above 10 varieties, \$1.70.
- 2005. Mixed colors. Pkt. 20c. ¼ Oz. \$1.00.



Zinnias—Giant Double

LILIPUT OR POMPOM ZINNIAS

2027. Plants 9 to 12 inches high with a profusion of flowers 2 inches across. A gorgeous variety for borders. Mixed colors: Pkt. 10c. ¼ Oz. 35c. Oz. \$1.00.

2026. RED RIDING HOOD ZINNIAS

Compact plants 1 ft. high covered the entire season with small double, brilliant scarlet flowers. Pkt. 10c. ¼ Oz. 40c. Oz. \$1.20.

Giant Double Zinnias

Until the introduction of the Dahlia Flowered Zinnias, the above strain was considered largest and best. Under good cultivation flowers of truly immense size may be secured from the Giant Doubles. They are robust in growth and heavy flowerers.

- | | |
|-------------------|-------------------|
| 2010. White | 2013. Crimson |
| 2011. Shrimp Pink | 2014. Deep Yellow |
| 2012. Deep Rose | 2015. Purple |
- Any of the above colors. Pkt. 10c. ¼ Oz. 85c.
2016. Collection of a packet each of the above 6 varieties, 50c.
2017. Mixed colors. Pkt. 10c. ¼ Oz. 35c. Oz. \$1.00.

DWARF DOUBLE ZINNIAS

Plants 1½ to 2 ft. tall, large double flowers.

- | | |
|-------------|---------------------|
| 2020. White | 2021. Canary Yellow |
| 2022. Rose | 2023. Dark Scarlet |
- Any of the above colors. Pkt. 10c. ¼ Oz. 30c. Oz. \$1.20.
2024. Collection of a packet each of the above 4 varieties, 35c.
2025. Mixed colors. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.
2028. Victory Choice Mixed. Pkt. 10c. ¼ Oz. 50c. Oz. \$1.50.

QUILLED ZINNIAS

1980. XERANTHEMUM ANNUM (Everlasting or Immortelle)

*One of the most satisfactory everlasting flowers in bright rose, purple and white. Very showy in the garden and useful for dried flowers in winter bouquets. Pkt. 10c. ¼ Oz. 30c.

2050 Bolgiano's Surprise Flower Garden or Children's Flower Garden Mixture

This is a mixture which will give great pleasure to all who try it for waste corners and patches, and with a little or no care will procure a pleasing effect in places that would otherwise be nothing but a collection of unsightly weeds. This mixture is ideal for the Children's Garden. Why not put aside a little patch of ground for every one of your children? Show them how to spade and rake the bed smoothly, then early in May sow the seeds broadcast over the bed, and cover about one-half inch with fine sifted soil. Make the children a present of a package of seed and a watering pot and teach them to water when necessary. Do not thin out the plants and they will have a grand display of flowers the entire summer. If you have no children, try a patch yourself. Pkt. 10c. Oz. 30c. ¼ Lb. \$1.00. Lb. \$3.00.

PLANTS, ROOTS AND BULBS

Shipment. All Plants, Roots and Bulbs will be shipped as soon after receipt of order as possible. If shipment is wanted at a later date it should be specified on the order. Due to difficulty in the storing of Roots and Bulbs, however, and the liability of being sold out of some of the varieties listed in collections, it is best to order early. Care should be taken that Parcel Post charges are remitted with your order as most Roots and Bulbs may be shipped this way and failure to include Parcel Post charges in your order will cause unnecessary delay in shipment. Parcel Post table will be found on the inside of the Front cover. If shipment is desired by Express, please designate this on your order. All express charges are paid by the purchaser.

Large Flowering Cannas

Parcel Post Weight 1 Lb. per Root. Postage extra and must be included with remittance

Culture. Set the plants 18 inches apart to allow for growth and cultivation. Water thoroughly when you plant and keep the plants well watered for two or three weeks until they are growing vigorously. After a good soaking rain, the plants will take care of themselves, except during extremely dry weather.

For Circular Beds. Plant 1 in the center, 6 in the first circle, 12 in the second circle, then 18, 24, etc., according to the size of the bed with the circles, and the plants in the circles 18 inches apart. A bed 4 feet in diameter takes 7 Cannas; a 7-foot bed, 19 Cannas; a 10-foot bed, 37 Cannas; a 16-foot bed, 91 Cannas.



Six New and Rare Varieties

Apricot. We consider this canna of unusual merit and especially valuable, because it adds a new color to the list. Apricot has healthy bright green foliage growing about four feet tall. The flowers are of large size and a most pleasing mixture of buff and salmon which gives the apricot shade from which it takes its name. 15c. each. \$1.50 doz.

Candelabra. 5 ft. Three to five flower branches on each stalk at one time is the average and every single branch is ablaze with a torch-like flame of orange-scarlet bloom. 25c. each. \$2.50 doz.

Hungaria. The ideal pink bedder, flowers large in good trusses. Color not unlike that of Paul Neyron Rose. One of the best of the newer introductions. Height 3½ feet. 25c. each. \$2.50 per doz.

One each of above six varieties, \$1.00

Good Standard Varieties

The President. Color a rich glowing scarlet and the immense firm, rounded flowers seven inches across when open are produced on strong, erect stalks, well above the large, rich green foliage.

Nokomis. 5 ft. The foliage is a combination of emerald-green and bronze, beautifully veined, making a lovely setting for the large, vivid crimson flowers.

King Humbert. Flowers measure 6 inches in diameter, brilliant orange scarlet, bright red markings. Foliage broad and massive, of a rich, coppery bronze. 5 feet.

Yellow King Humbert. A rare beauty, green foliage, symmetrical plants, golden yellow flowers lightly spotted red. Makes a splendid variety to bed with the bronze leaf King Humbert. Height 5 feet.

Meteor. Magnificent deep red variety of robust habit. Color a pleasing deep crimson. The most effective bedder. Height 5 feet.

Louisiana. Orchid flowering orange-scarlet growing 6 to 7 feet with pure green foliage. The flowers are of enormous size and are held several feet above the foliage by strong stems.

Any of the above 12 standard varieties 10c. each. \$1.00 dozen.

Tuberous-Rooted Begonias

This pretty class of Begonias is one of the most attractive of summer flowering plants. Flowers measure from four to six inches across, colors ranging from pure white and delicate pink, yellow, and orange to rich scarlet and deep crimson. Used to excellent advantage in window or porch boxes in semi-shaded places. Bulbs may be started in-doors in February and transplanted into beds as soon as all danger of frost is over.

Crimson	Rose	White
Yellow	Mixed Colors	

Single, 25c. each. \$2.50 doz. Double, 35c. each. \$3.50 doz.

Mailing weight, 1 lb. per doz.

Eureka. 4 ft. Remarkably free-flowering variety and with its striking white flowers, which first appear cream, makes a very effective show used with a good scarlet. 25c. each. \$2.50 doz.

Mrs. Alfred F. Conard. It is even hard to imagine a more gorgeous salmon-pink canna than this variety. It is the most robust of pink cannas and has the largest flowers. The blossoms are of a rich pink color and retain their beauty after days of exposure to hot sun. The foliage is green. Height four feet. 25c. each. \$2.50 doz.

Mohawk. 5 ft. Flowers are large with long petals that withstand hot sun and rain. Color is a brilliant poppy-red toning to carmine. Beautiful bronze foliage. This variety will give a wealth of bloom. Mohawk is a good variety to plant with Eureka, using Mohawk in the center as it grows taller. 25c. each. \$2.50 doz.

Shenandoah. 4 ft. This variety is a very good grower. It has fine bronze foliage and beautiful salmon pink flowers.

Wintzer's Colossal. Without doubt the largest flowered canna to date, as the average flowers almost cover a man's hat. Color is a striking vivid scarlet that retains its brilliancy. Height 5 feet.

Venus. Rose-pink petals with a narrow border of cream yellow. It is a vigorous pink, growing from three to four feet tall with bright green foliage.

Gladiflora. Crimson center which changes to a bright rose pink petal around which is a border of gold. Dwarf sort, three feet tall and making a most desirable low bed or border.

Allemania. Bright orange-scarlet with a wide border of golden yellow. The centers of the blossoms are flecked and spotted yellow also. Green foliage, height about 6 feet.

Richard Wallace. Dainty shade of canary yellow, about four feet tall, and having bright green foliage. In a light yellow, we could not ask for better.

Amaryllis

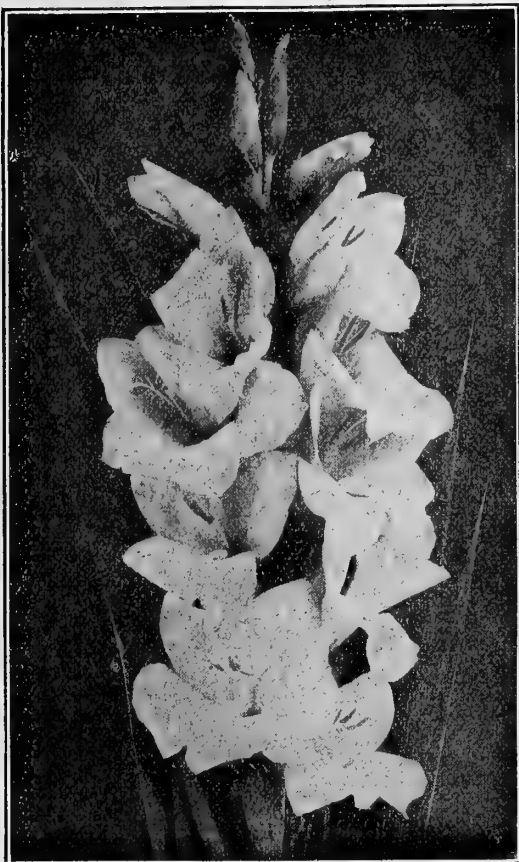
A gorgeous showy pot plant requiring but little care and producing large lily-like flowers. Bulbs may be started in moss kept moderately moist and in a warm room. As soon as growth starts pot up in a 6-inch pot leaving most of the bulb above the soil.

Equestre. Bright red flowers. 35c. each. \$3.50 doz.

Belladonna Major. Free-flowering and fragrant. Shell-pink. 35c. each. \$3.50 doz.

Giant Hybrids. This is the finest strain of Amaryllis yet developed. We offer them in mixed colors only. The colors range from pure white with bright red and rose markings, to rich self colors of crimson, red and cherry. 60c. each. \$6.00 doz.

Mailing weight, 1½ lb. per doz.



Gladiolus Flora

Mailing Weight 1 Lb.
per Doz. 4 Lbs.
per 100

Gladiolus

Postage Extra must be
included with
remittance

Most Popular of all Summer Flowering Bulbous Plants All First Size Bulbs. Rare and Beautiful Varieties

This flower has made wonderful strides during recent years. Its popularity today is exceeded by few other flowers and it has by no means reached its limit. Failure with this flower has never been known. They will grow in any open position and bloom well. They are not only showy in the garden, but when cut with the first flower open will last for 10 days in the house. The newer colorings defy the choicest orchids. Plant bulbs 4 inches deep, 6 inches apart and stake when 2 feet high. Flowers appear from early July until late in the Fall. A succession of blooms may be had from July until October by making plantings from April to June about ten days apart.

The Super Six Gladiolus

Golden Measure. Fine deep yellow, large wide open flowers; requires good feeding for best results. Strikingly beautiful. 25c. each. \$2.50 doz. \$18.75 per 100.

Mrs. H. E. Bothin. Salmon pink or white, heavily blotched fiery scarlet, ruffled. 20c. each. \$2.00 doz. \$15.00 per 100.

Venus. Pink, silvery white shading, tall, very large, early. 20c. each. \$2.00 doz. \$15.00 per 100.

Pink Wonder. Pale pink with rose feathering, very large, good for shows or garden effect. 20c. each. \$2.00 doz. \$15.00 per 100.

Rose Ash. Corynthian red combined with ashes of roses, rather unique, large. 20c. each. \$2.00 doz. \$15.00 per 100.

Catherina. Grayish lavender, throat darker with mahogany red blotch; flowers well placed on long stem. 20c. each. \$2.00 doz. \$15.00 per 100.

Special Collection

TWO EACH OF ABOVE—12 Bulbs for \$2.00

FOUR EACH OF ABOVE—24 Bulbs for \$3.75

Bolgiano's Primulinus Mixture

A new type of Gladiolus producing slender spikes bearing orchid-like flowers, ranging in color from the lightest of yellow to deep orange and from soft salmon-pink to rich crimson. Ideal for cutting. First size bulbs. 5c. each. 50c. doz. \$3.75 per 100.

Bolgiano's Glory Collection

Orange Glory. Peach red with orange, throat lighter with small carmine blotch, beautifully ruffled, excellent show variety. 15c. each. \$1.50 doz. \$11.25 per 100.

White Glory. White shaded cream, blue line on lower segments, heavily ruffled, compact spike. 20c. each. \$2.00 doz. \$15.00 per 100.

Kunderdi Glory. Creamy apricot tinted light pink, suffused with red on lower petals, the parent of all ruffled Kunderd varieties. 15c. each. \$1.50 doz. \$11.25 per 100.

Rose Glory. Purest rose pink with deeper throat; splendidly ruffled flowers on good spike. 20c. each. \$2.00 doz. \$15.00 per 100.

Purple Glory. Velvety ruby red with darker blotch, elegantly ruffled. 40c. each. \$4.00 doz. \$30.00 per 100.

Special Collection

THREE EACH OF ABOVE—15 Bulbs for \$2.50

SIX EACH OF ABOVE—30 Bulbs for \$4.75

Other Beautiful Varieties of Gladiolus

	each	doz.	100		each	doz.	100
Alice Tiplady. Rich orange, lighter shadings.....	.10	\$1.00	\$7.50	Le Marechal Foch. Apple blossom pink, carmine center.....	.08	\$.80	\$6.00
America. Large flowering, lavender pink.....	.06	.60	4.50	Mary Pickford. Creamy white, throat sulphur yellow.....	.15	1.50	11.25
Anna Eberius. Reddish purple with cardinal shade.....	.12	1.20	9.00	Maiden's Blush. Blush pink with lighter throat.....	.10	1.00	7.50
Arizona. Deep rose-pink with maroon markings.....	.10	1.00	7.50	Mrs. Frank Pendleton. Bright rose, scarlet blotches.....	.10	1.00	7.50
Baron Jules Hulot. Deep indigo blue, yellow stripes.....	.15	1.50	11.25	Mrs. Francis King. Scarlet, crimson blotch.....	.08	.80	6.00
Butterfly. Pale salmon-yellow, ruffled.....	.10	1.00	7.50	Mrs. Dr. Norton. White suffused pink, sulphur throat.....	.15	1.50	11.25
Byron L. Smith. Lavender pink on white ground.....	.15	1.50	11.25	Mrs. Watt. The best wine red.....	.10	1.00	7.50
Crimson Glow. Vivid scarlet red.....	.15	1.50	11.25	Myrtle. The pink of all the pinks.....	.15	1.50	11.25
Diener's White. Milk white overlaid pale orchid.....	.30	3.00	22.50	Niagara. Nankeen yellow, spotted and veined carmine.....	.12	1.20	9.00
E. J. Shaylor. Ruffled rose pink.....	.12	1.20	9.00	Odin. Deep salmon rose with red spear.....	.12	1.20	9.00
Empress of India. Deep maroon, almost black.....	.15	1.50	11.25	Panama. Large open deep rose flowers.....	.08	.80	6.00
Evelyn Kirtland. Rose pink with brighter blotch.....	.12	1.20	9.00	Peace. White with lilac feathering.....	.09	.90	6.75
Flora. Beautiful canary yellow.....	.15	1.50	11.25	Prince of Wales. Pink suffused salmon orange.....	.10	1.00	7.50
Halley. Lovely salmon pink.....	.08	.80	6.00	Scarlet Princes. Lively scarlet, throat brighter.....	.15	1.50	11.25
Helga. Salmon rose, shaded deep rose and cream.....	.15	1.50	11.25	Schwaben. Soft yellow, deep red blotch.....	.07	.70	5.25
Herada. Pure mauve, a very attractive color.....	.10	1.00	7.50	Souvenir. Purest golden yellow, tall slender stems.....	.15	1.50	11.25
Ida Van. Deep salmon red.....	.08	.80	6.00	War. Blood red, shaded crimson.....	.15	1.50	11.25
Joe Coleman. Very bright red, ruffled.....	.15	1.50	11.25	Wilbrink. Flesh pink with yellowish blotch.....	.08	.80	6.00
Lily White. Creamy white shading cream in center.....	.06	.60	4.50	Yellow Hammer. Primrose yellow, red marks in throat.....	.12	1.20	9.00
L'Immaculee. Broad spike of white flowers.....	.15	1.50	11.25				

Bolgiano's Kunderd Mixture of Gladiolus

This year we were fortunate in securing an entire private collection of the finest sorts of Gladiolus to offer in place of our Superb Mixture. This collection contains approximately 500 different named varieties. This is without doubt the richest mixture to be offered at any price. Ruffled, Plain-petaled and Primulinus varieties are all included in this mixture. We have called it Bolgiano's Kunderd Mixture because, if you take a Kunderd catalogue and list all the varieties offered up to the 1925 introductions, you will have exactly what we are offering in this mixture. This is unquestionably the best mixture we have ever offered and the most reasonably priced. 5c. each. 50c. doz. \$3.75 per 100.

Mailing Weight 1 lb. per Root

BOLGIANO'S SELECTED DAHLIAS

Mailing charges must be included

The following list of Dahlias is the result of careful selection in the growing fields and represents our choice of the many varieties offered. In this list you will find both cheap and expensive varieties but they all produce flowers that will make your garden a riot of bloom and color.

Cultural Directions: A good average garden soil will produce wonderful flowers. It should be well drained and thoroughly loosened to a depth of eight or ten inches. Plant the tubers so that they are about six inches below the top of the ground. Either animal or commercial fertilizer may be used but care should be taken not to let it touch the roots. A handful of commercial fertilizer may be mixed with the soil at planting and another handful or two hoed in during the growing season. To obtain exhibition flowers, disbud all but a few of the buds thus throwing all the strength of the plant into a few flowers. Cultivate continuously throughout the growing season.

Plant in later part of May and early part of June.



Mrs. J. H. Harrison Dick

Bolgiano's 1927 Collection

Mrs. Hugo Kind. Bright velvety carmine; reflex spectrum red. 8 to 10 inches in diameter. The plant is a very sturdy healthy grower and a favorite for exhibition and cutting. Each \$1.50.

Amon Ra. "The Sun God." Won first prize for three successive years on the Pacific Coast. The outer petals are of gorgeous copper and orange tones shading to gold and amber deepening in the center to a dark reddish brown. Large size on stiff stems. Each \$1.85.

Cigarette. A variegated dahlia in color creamy white heavily edged with pomegranate red but varies greatly, no two flowers being exactly alike. Long petals inclined to roll, forming a large deep flower of great substance on very long stems. Each \$1.50.

Sunset Glow. The color is yellow at base of petal, outer part overlaid flame scarlet, tipped yellow. The plant is one of the first to bloom, of medium height, 3 to 4 feet, and branching habit. It is an extremely profuse bloomer and every flower is perfect. Each \$2.00.

U. S. A. A splendid exhibition variety of largest size and fine form. Color, a rich deep orange. The plant is a free grower and good bloomer. Each \$1.35.

Kitty Dunlap. Decorative of American Beauty rose shade, producing large exhibition blooms. The stems are very long and wiry; a real acquisition and can be recommended for any purpose. \$1.75 each.

Set of 6 for \$7.50

Decorative Dahlias

Dr. Tevis. Bronzy old gold, shaded and suffused violet rose. 65c. each.

Jane Selby. Delicate mauve pink, giant flowers on long stiff stems. \$1.00 each.

Millionaire. A giant lavender pink tinting to white at the center. 90c. each.

Mt. Hood. A medium size remarkably free-flowering pure white. 50c. each.

American Beauty. A brilliant crimson red with French-purple suffusion. 35c. each.

Doazon. Very large orange scarlet. 35c. each.

Jack's Discovery. White mottled with violet rose. 35c. each.

Mrs. Carl Salbach. A lively shade of solferino pink with white suffusion. 75c. each.

Mrs. I. de ver Warner. A deep mauve pink of perfect form and very large size. \$1.50 each.

Pride of California. Deep rich red, full flower, best of its shade for cutting. 65c. each.

Choice Decoratives

St. Francis. Soft cream color, brightened with a pinkish glow on the outer petals. Fine for exhibition because of its large size. Its rigid stem and keeping qualities make it especially valuable for cutting. \$3.00 each.

Jersey's Beauty. The finest pink Dahlia in existence. The color is true pink without any markings, perfect shape on long straight stems. A very free bloomer and a splendid keeper. Its popularity has increased each year since its introduction. \$4.00 each.

A clump of both for \$5.50

Patrick O'Mara. Color orange buff tinged with Neyron Rose 7 to 9 inches in diameter. 50c. each.

Insulinde. Rich saffron yellow shaded russet-orange, petals twisted and curled. \$1.00 each.

Paul Michael. A deep orange buff. Immense flowers, perfect for the garden. \$1.35 each.

Glory of Argonne. Delicate violet rose shading to white at center. 75c. each.

Isabel Street. Base of petal bright yellow, shading to rose red, with white tips. \$1.50 each.

Mrs. J. Harrison Dick. Citron yellow at center, outer petals suffused salmon pink. 50c. each.

Sylvia. White shading to soft pink on the outer petals. 25c. each.

Jack Rose. The best crimson for garden or cutting. 25c. each.

Princess Juliana. Pure white of good size on long stiff stems. 30c. each.

Show or Ball Dahlias

Dee-lighted. Very large pure white, strong grower, immense flowers. 50c. each.

Yellow Duke. Canary yellow, quilled petals. 30c. each.

Dorothy Peacock. Large perfect shaped flowers of bright sea-shell pink. 35c. each.

Stradella. Deep purple crimson, early and profuse. 35c. each.

A. T. Livoni. Shell pink. Old favorite and still popular. 35c. each.

Gold Medal. Deep golden yellow, tipped and suffused oriental red. 65c. each.

Mad. Mourw. Deep pink flowers shaded lavender. 25c. each.

Set of 7 for \$2.00

Bolgiano's Garden Collection

Golden West. A California variety, rich golden bronzy yellow with scarlet shading at base of petals and center. It is a wonderful grower, strong and sturdy, with heavy clean healthy leaves, and branching habit. Large flowers on long, stiff stems. Each 50c.

Mina Burgle. It is of splendid form and its color is a rich cardinal red. The plant is a strong vigorous grower and produces its flowers freely on long stiff stems. Each 25c.

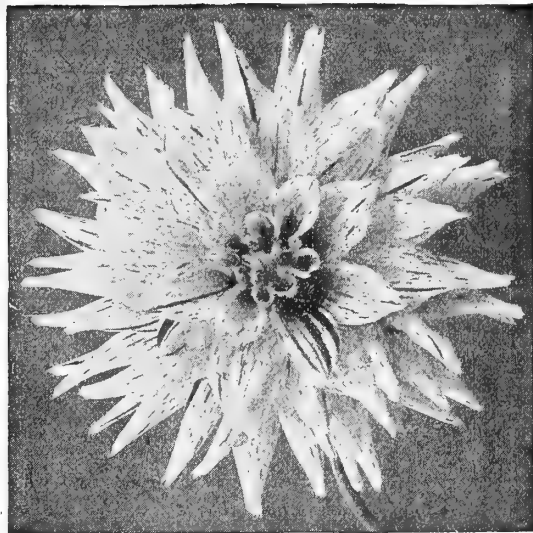
Delice. Its wonderful color, a bright luminous pink, is entirely distinct. The flowers are held facing, well above the foliage on straight stiff stems. A valuable florist's variety. Each 35c.

Jean Kerr. Pure white, medium size. Splendid florist's variety. Each 65c.

George Walters. Hybrid Cactus. Flowers of immense size. Color a rich coppery old gold, tinting to buff at the center. A great acquisition. 50c. each.

Dream. Peony-flowered. A flower of beauty and perfect form. Color, peach with an amber-like glow. Good keeper for cutting, medium size. 50c. each.

Set of 6 for \$2.00



Cactus Dahlia

Hybrid Cactus Dahlias

Kalif. A very large pure scarlet red, measuring 8 to 10 inches in diameter. 75c. each.

Washington City. A gorgeous snow-white variety of beautiful form. 65c. each.

Yellow King. Light Yellow tinting to cream at the tips, of gigantic size. 35c. each.

Mrs. Edna Spencer. Silver lilac, shading to bright orchid pink. Fine variety. 75c. each.

Aquitania. Shell-pink changing to lavender, long stiff stems, large flowers. \$1.50 each.

Nibelungenhort. Immense flowers 7 to 8 inches across, rich golden apricot suffused old rose. 65c. each.

Magnificent. Oriental buff overlaid rosy salmon. 75c. each.

Break O'Day. Sulphur yellow tipped white. The flowers have a waxy appearance. 50c. each.

Perle de Lyon. Pure white. Clefted petals. 25c. each.

Flora. A splendid large snow white, early and profuse bloomer. 25c. each.

Attraction. Large, elegant flower of a clear lilac rose, long stiff stems. 65c. each.

Betty Austin. A wonderful commercial cut flower and garden plant. Yellow at base blending to rosy carmine and rose, yellow at tips. 65c. each.

Country Girl. Deep golden yellow, tipped bright amber. 25c. each.

Lawine. A large white lightly suffused pink. 35c. each.

J. H. Jackson. Rich velvety maroon, shaded black, large flower. 35c. each.

Rube Girl. A remarkably bronzy or "Autumn Shade" variety, long, slender stiff stems. 35c. each.

Pink Cactus. Bright, clear pink tinged with lavender, long straight stems. 25c. each.

Orange Cactus. Tips shaded pink, center yellow, large flowers on straight stems. 25c. each.

Choice Hybrid Cactus

Ambassador. The finest of all Cactus Dahlias. The color is a soft yellow buff shaded salmon pink; flowers of pleasing form and enormous size, the splendid flowers are held erect well above the foliage on the strongest stems ever seen on a Cactus Dahlia. \$2.50 each.

Mariposa. One of the gigantic California introductions. A delightful shade of true pink intensified by a deeper center and faint violet suffusion. Long narrow petals curled and twisted. Long stiff stems. Each \$2.50.

A clump of both for \$4.00

Peony-Flowered Dahlias

King of Autumn. An entirely new shade of buff-yellow suffused with orange. 75c. each.

Mrs. Jessie L. Seal. Old rose with gold shading, a very large flower. 75c. each.

King Albert. Large and graceful flowers of rich royal purple on good stems. \$1.00 each.

Elsa. White suffused yellow, overlaid pink edged carmine rose. 50c. each.

Sensation. Bright scarlet heavily tipped white, profuse bloomer. 25c. each.

Old Sol. Primrose yellow shaded coppery red with golden bronze suffusion. 35c. each.

Queen Elizabeth. A beautiful rosy mauve with curled center petals. 40c. each.

William Austin. Flowers large, color white suffused cerise, tipped carmine. 25c. each.

Set of 8 for \$3.50

Other Varieties

Pride of India. A Collarette Dahlia producing flowers of immense size. Maroon with a yellow and white collar, long stiff stems. A heavy bloomer. 50c. each.

Belle of Springfield. A splendid variety and the finest type in Poinçons. Flowers of perfect shape, soft, rosy and borne in profusion on slender stems above the foliage. 50c. each.

James Wheeler. The finest of all Single Dahlias. Rich golden yellow with one-third of each petal overlaid soft, rosy red. Big flowers on long stiff stems and remarkably long keepers. 75c. each. **Set of 3 for \$1.50**

Mailing
weight

Calla Lilies

1 lb.
per root

These beautiful Lilies are easily grown and will bloom continuously for many years if given the proper attention and conditions. Plant in rich soil in a 6- or 8-inch pot with the top of the bulb 2 inches under the soil. Water frequently and about once a week apply manure water until the color begins to show in the flower.

Aethiopica. The best known white Calla. Large size 30c. each. \$3.00 doz. Mammoth size 35c. each. \$3.50 doz.

Godfrey. Everblooming white Calla. 30c. each. \$3.00 doz.

Elliotiana. Golden-yellow Calla. 30c. each. \$3.00 doz.

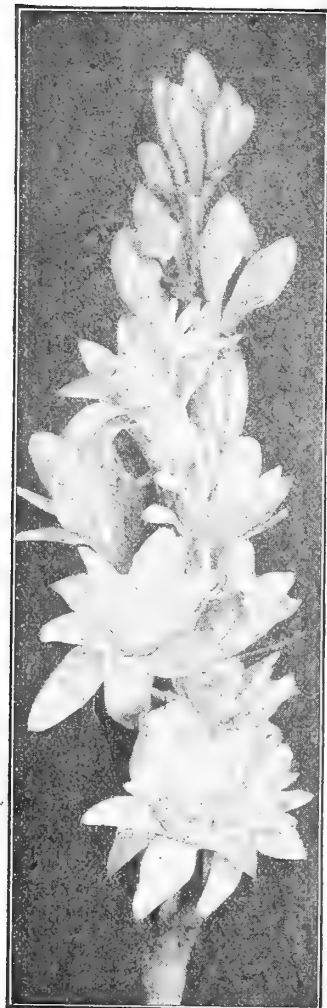
Collection of one each of the above 3 varieties, 75c.

Bolgiano's Excelsior Double Pearl Tuberoses

One of the most fragrant and most popular of the Summer flowering Bulbs. Easily recognized by its fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower for house decorations. Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier.

Bolgiano's Mammoth Size Bulbs. This mammoth strain is positively the highest type of Tuberoses. The kind to grow if you desire prize blooms. Prices: 10c. each. \$1.00 doz. \$7.00 per 100.

First Size Bulbs. These are choice, selected stock, free flowering, which are borne on long stout stems. Prices: 5c. each. 50c. doz. \$3.50 per 100.



Fragrant Double Pearl Tuberoses

Mailing
weight

Fancy Leaved Caladiums

1 lb.
per doz.

This year we are offering a much improved mixture containing many of the finest importations from Brazil. No other summer foliage plant equals the Fancy Leaved Caladiums in rich and gorgeous, yet soft coloring.

They may be planted in pots, in window boxes or in outdoor beds, but always in a shady or semi-shady location. Start in about a 3 or 4 inch pot according to size of the bulb, covering the bulb about 1 inch deep. Repot as required.

Mammoth Size: 1¾ inches up. 40c. each. \$4.00 doz.

First Size: 1-1¾ inches. 30c. each. \$3.00 doz.

Second Size: ¾-1 inch. 25c. each. \$2.50 doz.

Caladium or Elephant Ears

One of the most effective plants in cultivation for the flower border bed or for planting out on the lawn. They will grow in any garden soil, and are of the easiest culture. To obtain the best results they should be planted where they will obtain plenty of water and abundance of rich compost. Foliage light green. When full size they stand 6 feet high and bear immense leaves 3 to 4 feet long by 2¼ feet wide. Should not be planted in the open until May 1st, but to get them in early growth can be started indoors.

These are particularly fine for center of beds, giving a beautiful effect where Cannas and Scarlet Sage are planted on the outside borders.

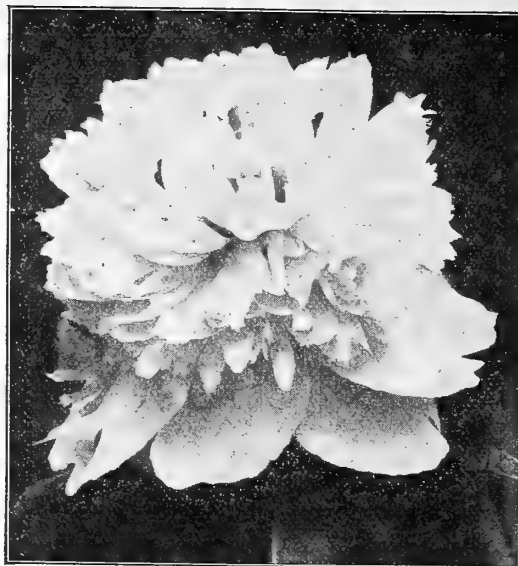
Extra Large Bulbs. 30c. each. \$3.00 doz.

Large Bulbs. 20c. each. \$2.00 doz.

Small Bulbs. 10c. each. \$1.00 doz.

Mailing weight 1 lb. per root

Postage must be included



Festiva Maxima Peony

Garden Collection of Peonies

Festiva Maxima. The finest pure white in existence, extra for cutting purposes. 40c. each.

Felix Crousse. Very brilliant ruby-red; one of the best and most popular kinds for cutting. 85c. each.

Edulis Superba. Bright clear pink with silvery reflex, extra good cutflower variety. 40c. each.

Duchess de Nemours. Sulphur white, green reflex; fine cupshaped bloom. 40c. each.

Mad. Calot. Pale hydrangea pink, center shaded darker, collar tinted silver; fragrant. 60c. each.

Set of 5 for \$2.25.

Mailing
weight

Other Varieties

1 lb.
per root

Mons. Jules Elie. Glossy pink shading into deeper rose at the base, overlaid with a sheen of silvery rose; fragrant. \$1.00 each.

Mad. Emile Galle. Delicate shell-pink with touches of heliotrope and lavender; extra. 85c. each.

Marechal Macmahon. Deep brilliant sofferino-red; large flowers, fine stems. 85c. each.

Modele de Perfection. Flesh-pink shading to deep rose in the center. 75c. each.

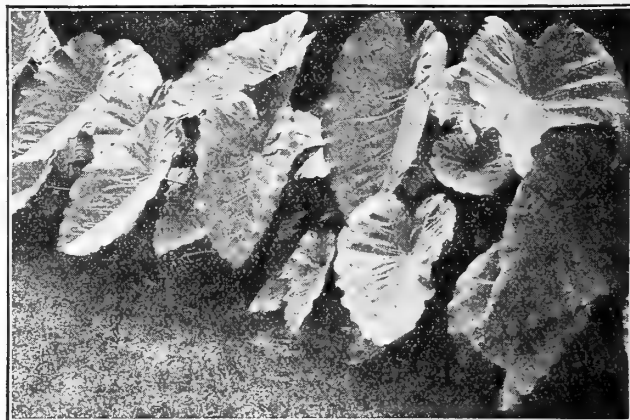
Reine Hortense. Soft flesh-pink deepening to shell-pink, crimson splashes; enormous, compact flat flower, well formed and of a striking appearance; fragrant. \$1.65 each.

Sarah Bernhardt. Apple blossom pink, silver tipped; the strongest growing Peony of all; flowers of remarkable size and grandeur; strong, long stems; perfect. \$1.75 each.

Albert Crousse. Delicate shell-pink; grand cutflower, one of the best. 85c. each.

La Tulipe. Lilac white shading to blush white; outer guard and center petals striped carmine. 50c. each.

Mixed colors. 35c. each. \$3.50 doz.



Caladium or Elephant Ears

Mailing
weight**HARDY LILIES**3 bulbs
1 lb.

Preparation of Soil. Lilies are best in rich moisture retaining soil. Yet, they must be well drained. Very heavy soil is not very successful for lilies. Well-rotted manure may be mixed with the soil and dug in deeply. As lilies are planted deep, the soil should be prepared to a depth of about twelve inches.

Plant from 4-6 inches deep. Many planters place a small amount of spagnum moss beneath each bulb, especially with the auratum, candidum and speciosum varieties.

NOTE. All our lily bulbs are of the largest size obtainable and should not be confused with smaller bulbs that are of course much lower in price and quality.

AURATUM LILIES

GOLDBAND LILY. *Lilium auratum* (3-5'). Large, pure-white flowers with a central band of yellow and numerous chocolate-crimson spots. Variable in size, color and time of flowering. Flowers 8-12 inches across, fragrant. July-September. 35c. each. \$3.50 doz.

LILIUM auratum platphyllum. A beautiful yellow and white lily. The pure white flowers are banded and spotted with bright yellow. 60c. each. \$6.00 doz.

LILIUM auratum rubro-vittatum. Large flowers beautifully banded with red and dotted with numerous red spots. 75c. each. \$7.50 doz.

Collection of one each of the above 3 varieties, \$1.50.

BATEMANN LILY *Lilium batemanni* (2'). Rich apricot colored flowers without spots, produced 4-6 in an umbel. July and August. 40c. each. \$4.00 doz.

BROWNS LILY *Lilium browni* (2'). Immense, pure-white, trumpet-shaped flowers; inside pure white and brown anthers, outside deep reddish brown. June and July. 90c. each. \$9.00 doz.

MADONNA LILY *Lilium candidum*. Fragrant, pure-white flowers of large size. One of the easiest to grow. Flowers late June and July. 50c. each. \$5.00 doz.

SPECIOSUM LILIES

WHITE SPECIOSUM LILY. *Lilium speciosum album*. Beautiful large white flowers with a greenish band running through the center of each petal. August and September. 40c. each. \$4.00 doz.

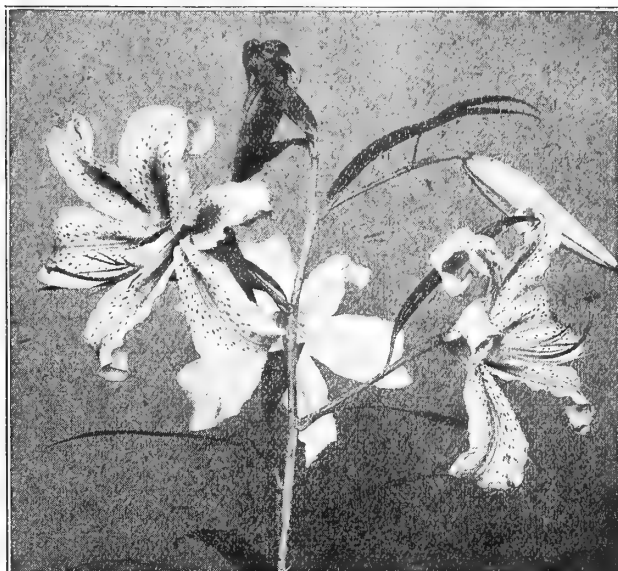
GREAT SPECIOSUM LILY. *Lilium speciosum magnificum*. Extra fine large flowers of rich deep red. August and September. 40c. each. \$4.00 doz.

ROSE SPECIOSUM LILY. *Lilium speciosum roseum*. White flowers shaded and spotted with rose. August and September. 40c. each. \$4.00 doz.

Collection of one each of the above 3 varieties, \$1.00.



Rose Speciosum Lily



Goldband Lily

HANSON LILY *Lilium hansonii* (3'). Reddish-orange flowers 6-10 in a cluster with thick, lasting petals. A rare Japanese lily reaching 3 feet in height under favorable conditions. 60c. each. \$6.00 doz.

HENRY LILY *Lilium henryi* (4-5'). Orange-yellow flowers banded with green and lightly spotted brown. An easy lily to grow. 50c. each. \$5.00 doz.

LILIUM japonicum (2½'). Beautiful, pale rose colored flowers 3-5 inches long, produced on slender stems 1-3 feet high, 1-3 on a stem. Fragrant. 45c. each. \$4.50 doz.

ROYAL LILY. *Lilium regale* (3-5'). Ivory white, shaded pink flowers; slightly shaded pink outside, the lower inner surface primrose yellow. Bears one to several trumpet-shaped flowers. July and early August. 90c. each. \$9.00 doz.

ELEGANS LILIES

LILIUM elegans Alice Wilson. A golden yellow with reddish brown anthers. \$1.25 each. \$12.50 doz.

LILIUM elegans atrosanguineum (18"). Deep blood red flowers produced in June and July. 45c. each. \$4.50 doz.

LILIUM elegans orange. Orange-colored flowers shaded deeper towards the center. 40c. each. \$4.00 doz.

Collection of one each of the above 3 varieties, \$1.75.

AMERICAN TURKSCAP. *Lilium superbum* (3-6'). Bright reddish-orange flowers with yellow shading and purplish brown spots at the base. Native and hardy, and produces a large number of flowers. Late July and September. 35c. each. \$3.50 doz.

CORAL LILY. *Lilium tenuifolium* (1-2'). Dazzling coral red flowers of medium size and perfect form. Fifteen or more flowers on stem. 30c. each. \$3.00 doz.

DOUBLE TIGER LILY. *Lilium tigrinum florepleno*. Very Lasting, showy, double flowers. Orange red with black spots. 20c. each. \$2.00 doz.

GIANT TIGER LILY. *Lilium tigrinum splendens* (3-4'). Beautiful, salmon-red flowers with purplish-black spots. A strong grower. August and September. 25c. each. \$2.50 doz.

GLOXINIAS

The Gloxinia makes one of the prettiest and most charming of pot plants. They may also be set out-doors after danger of frost is past. Plant the bulbs in pots during January. They require plenty of water. If moved outdoors select a moist shady location. Our mixture contains the purple, scarlet and white varieties. Also the purple bordered white and scarlet bordered white. We have them in a mixture only.

Mixed colors. 30c. each. \$3.00 doz.

Postage extra. Weight 1 lb. per doz.

BOLGIANO'S NURSERY STOCK DEPARTMENT

The following Trees and Plants are included in our Nursery Stock Department:

Roses
Perennial Border

Chrysanthemums
Phlox

Fruit Trees
Small Fruits

All of the above items of Nursery Stock will be supplied from our New Jersey Nurseries at Little Silver, N. J., and are quoted **F. O. B. Little Silver, N. J.** This will enable us to dig each order as received and so assure you that your trees and plants will hardly know they have been removed when you receive them. Unless we are advised to the contrary, all orders for Nursery Stock will be **shipped by express**, purchaser paying express charges. For the convenience of those who prefer Parcel Post shipment, at the bottom of column 1 of this page we have compiled a table of weights of different items packed for shipment. On the inside Front Cover is a Parcel Post Rate Table. On your Nursery Stock orders calculate your distance from Little Silver, which is near Newark, N. J., instead of from Baltimore. On account of the excessive cost of packing small orders as compared to large orders, **all purchases of Nursery Stock must amount to at least \$2.50 and are payable in advance.** If shipment is desired by Parcel Post instead of by Express, include enough money to pay postage in addition to cost of plants.

NOTE.—Strawberry Plants are sent direct from our farms at Seaford, Del.



GERMAN IRIS

ISOLENE (36"). Crinkled standards of silky lilac; purplish old rose falls, gold beard. 45c. each. \$4.50 doz.

JUNIATA (36"). Light blue with orange beard. Large fragrant flowers, mid-season. 40c. each. \$4.00 doz.

MONSIGNOR (24"). Silky violet standards, crimson purple falls, white throat, orange beard. 25c. each. \$2.50 doz.

MONTEZUMA. Standard golden yellow; falls yellow and white with purple veins, brown dots. 40c. each. \$4.00 doz.

WHITE KNIGHT (20"). A beautiful, waxy, snow-white flower produced late. 50c. each. \$5.00 doz.

Collection 1 each of the above 5 varieties, \$1.50.

LENT. A. WILLIAMSON (9.6"). Deep blue standards with rich, royal purple falls and a brilliant gold beard. The finest iris in the world. \$1.75 each.

Mixed colors. 15c. each. \$1.50 doz. \$10.00 per 100.

WEIGHT WHEN PACKED

	doz.	100
Blackberries, Currants, Gooseberries	2½ lbs.	20 lbs.
Dewberries, Raspberries	2 lbs.	12 lbs.
Grapes	3 lbs.	25 lbs.
Perennials	3½ lbs.	
Roses, Iris	4 lbs.	
Strawberries	(25) 1½ lbs.	3½ lbs.

Bolgiano's Selected Roses Everblooming

The following sorts are the most popular, very hardy and will bloom throughout the season. We offer only the best 2 yr. old, field grown Roses. They will run 3-5 branches and will bloom the first year.

Double White Killarney. Very long pointed buds opening snowy white. A favorite for cut flowers.

Kaiserin Augusta Victoria. Snowy white with a slight tint of lemon at center; fragrant.

White Maman Cochet. Flushed with pink. One of the very best Teas for northern gardens.

Etoile de France. Vivid crimson flowers, with full, rounded centers of bright cerise; fragrant and long lasting.

Gen. McArthur. Crimson-scarlet, very fragrant. Long considered the best red bedding rose.

Gruss an Teplitz. Double blooms of brilliant crimson with velvet shadings and intense fragrance.

Hoosier Beauty. Splendid dark red blooms, fragrant.

Red Radiance. Bears big globular flowers of deep rose-red on strong canes, freely produced all summer.

Columbia. Lively bright pink, sweetly scented flowers, of exquisite shape. Free flowering, good growth, healthy foliage.

J. J. L. Mock. Carmine buds of gigantic size, opening slowly to enormous blooms of deep carmine-pink.

Los Angeles. Very lovely buds and exquisite flowers of salmon-pink, with yellow shading, very sweetly perfumed.

My Maryland. Clear salmon-pink, with lighter edges; fragrant. An excellent garden Rose of extremely beautiful color.

Maman Cochet. Carmine-pink, double blooms of fine form and substance, creamy buff at the center.

Ophelia. A creamy white and pale pink bloom with a glint of golden yellow; very fragrant.

Radiance. Brilliant rose-pink buds, shining flowers with lighter tints on the reverse of the petals; globular in shape, very fragrant. Most popular American Rose.

Lady Hillingdon. Flowers deep saffron-yellow, fragrant.

Mrs. Aaron Ward. Delightful buds of golden buff; double, attractively shaped flowers of tawny gold and pink, fragrant.

Sunburst. Fine yellow flowers, strongly suffused with orange at the center, fragrant, and well shaped.

Selected plants. \$1.00 each. \$10.00 doz.

BOLGIANO'S FAVORITE HALF-DOZEN ROSES

Kaiserin Augusta Victoria
Etoile de France
Red Radiance

Ophelia
Sunburst
Radiance

Set of six \$5.00

CLIMBING ROSES

Clb. American Beauty. Brilliant carmine.

Dr. W. Van Fleet. Pale pink, long stems, the best.

Gardenia. Yellow buds and creamy flowers, yellow center.

Paul's Scarlet. The purest scarlet of any climber.

Silver Moon. Long creamy buds, gigantic flowers.

Selected plants. 75c. each. \$7.50 doz.

See page 62

Bolgiano's Perennial Border

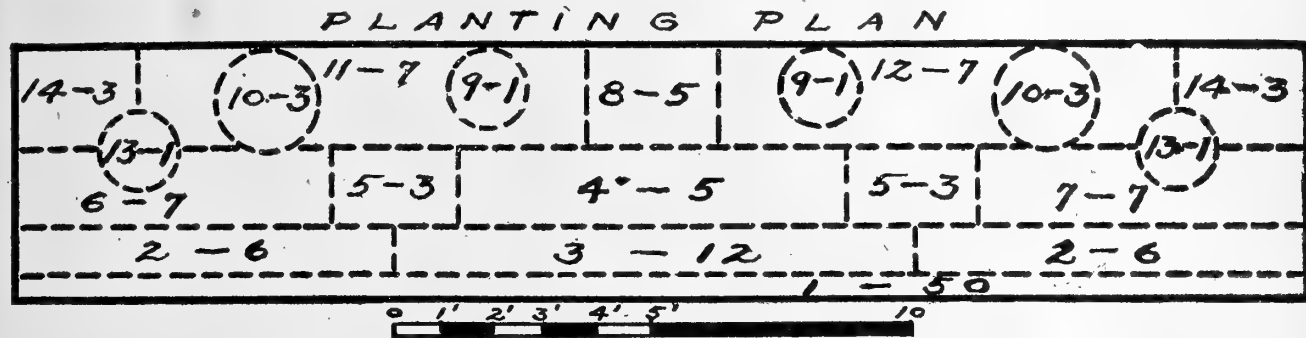
Shipping information

Instead of offering a long list of perennials, we have prepared a special plan for a moderate sized Perennial Border and also recommended the proper plants to use.

The plan shown is for a border 25 feet long and 5 feet deep. The location of each kind of plant is shown on the plan by a key number followed by the number of plants to be planted in that particular location.

This border insures the maximum of beauty because the arrangement has all been planned in advance with due regard to size, color and period of bloom. Interesting contrasts and harmonious combinations of plants are thus affected.

And the effect is permanent because they are all perennials and live in the ground from year to year. With average care as to watering and weeding, this Perennial Border should gain in beauty every year.

**Planting List**

The columns below are No. 1, Key. No. 2, Quantity. No. 3, Common Name of Plants. No. 4, Distance apart they should be planted. No. 5, Height. No. 6, Color. No. 7, Date of Blooms.

No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7
1.	50	Iberis or Hardy Candytuft	6 ins.	8 ins.	White	May-Oct.
2.	12	Showy Sedum	18-24 ins.	1-1½ ft.	Pink	Sept.-Oct.
3.	12	American Columbine	12 ins.	1-2 ft.	Red & Yellow	May-July
4.	5	Clump Speedwell	15 ins.	2-3 ft.	Blue	Aug.-Oct.
5.	6	Gloxinia-Foxglove	12 ins.	4-5 ft.	Mixed	June-July
6.	7	Sweet William	12 ins.	1½-2 ins.	Mixed	May-June
7.	7	Garden Phlox	12 ins.	2-4 ft.	Mixed	June-Oct.
8.	5	Double Hollyhock	12 ins.	6-8 ft.	Mixed	July-Sept.
9.	2	Marshmallow		5-8 ft.	Mixed	July-Sept.
10.	6	Larkspur	12 ins.	3 ft.	Blue	July-Sept.
11.	7	Giant Purple Coneflower	15 ins.	3 ft.	Purple	July-Oct.
12.	7	Helenium or Sneezewort	15 ins.	3-4 ft.	Golden	Aug.-Sept.
13.	2	New York Aster		5 ft.	Blue	Sept.-Oct.
14.	6	Virginia False Dragonhead	12 ins.	3-4 ft.	Pink	July-Aug.

134 plants strong and vigorous all properly numbered and named ready for planting—price, **\$25.00**.

Hardy Perennials

It isn't necessary to make a separate flower garden. These Hardy Perennials will grow admirably in front of shrubbery plantings and add variety in habit of growth, foliage and bloom.

And every year they increase and add to your wealth of flowers. Permanence is one of their greatest attributes. With them on your grounds your supply of cut flowers for the table is assured.

Hardy Chrysanthemums

25c. each. \$2.50 doz.

EXCELSIOR. Aster-flowered, bright yellow. One of the very best.

MITZI. A mid-season, large flowered variety. Yellow with reddish center.

NORMANDIE. A large or Aster-flowered variety. Double flowering, early. Delicate pink, dwarf.

WANDA. Aster-flowered, large pure white.

HELEN HUBBARD. Aster-flowered. Long stiff stems, good full flower; an attractive red color.

Weight **Bleeding Heart** 1 lb. each

DIELYTRA SPECTABILIS (1-2'). An old-fashioned plant with much cut foliage and drooping heart-shaped flowers of deep rosy red produced from May to July.

75c. each. \$6.75 for 10.

Weight **Lily-of-the-Valley** 2 lbs. each

A dainty plant with large leaves and small white nodding flowers; delicate and sweet-scented. Blooms in May and June. Clumps 35c. each. \$3.25 for 10.

Garden Phlox

20c. each. \$2.00 doz. except as noted

CHAMPS ELYSEE. Very bright rosy magenta. Dwarf.

PANTHEON. Rosy salmon, pure white center.

R. P. STRUTHERS. Bright rosy red, crimson eye.

MRS. CHAS. DORR. Its color is unique, a very attractive solid blue-mauve.

LA VAGUE. Pure mauve, with aniline-red eye. Medium growing; immense conical heads borne in great profusion.

MRS. JENKINS. A tall early white for massing.

RIJNSTROOM. A soft, clear pink, medium height and strong grower. Flower very large.

MISS LINGARD. Waxy-white with lavender eye. Longest spikes of any Phlox—blooms from ground up. Early fragrant, continues through season.

ELIZABETH CAMPBELL. Bright salmon-pink with lighter shadings and dark eye. Tall growing. 50c. each. \$5.00 doz.

Fruit Trees and Small Fruits

See page 62 for shipping information



CONCORD GRAPES.

GRAPES

2 yr. 40c. each. \$4.00 doz.

Catawba. Standard late red variety.

Concord. Late, black, 30c. each. \$3.00 doz.

Delaware. Small, red, early.

Moore Early. Standard early black.

Niagara. Greenish yellow, ripens with Concord.

RASPBERRIES

15c. each. \$1.50 doz.

Cuthbert. Large, red, standard late variety.

Scarff. Standard late black variety.

St. Regis. Early, everbearing variety, red fruit.

BLACKBERRIES

Eldorado. Large, black, juicy. 15c. each. \$1.50 doz.

STRAWBERRIES

Chesapeake. Late, large, good shipper. 50c. for 25. \$1.50 per 100. \$12.00 per 1000.

Glen Mary. Large, midseason, popular market variety. 35c. for 25. \$1.00 per 100. \$8.00 per 1000.

Klondike. Early, large, dark red berries, for market. 30c. for 25. 90c. per 100. \$7.20 per 1000.

Missionary. Large, early, adapted to Southern States. 30c. for 25. 90c. per 100. \$7.20 per 1000.

Premier. Early, large red, good commercial variety. 35c. for 25. \$1.00 per 100. \$8.00 per 1000.

Progressive. Best known everbearing strawberry, early. 55c. for 25. \$1.75 per 100. \$14.00 per 1000.

APPLES

2 yr. \$1.00 each. \$10.00 doz.

Delicious. Medium to large, red, October to January.

Grimes Golden. Medium, yellow, late August.

Jonathan. Medium or below, red, October to January.

Banana. Large, waxen yellow, late fall.

Stayman Winesap. Large, red, November to February.

Williams. Medium to large, red, middle of August.

Yellow Transparent. Medium, yellow, middle of July.

York Imperial. Large, red, November to March.

CHERRIES

Black Tartarian. Sweet, 2 yr., \$1.25 each. \$12.50 doz.

Montmorency. Sour, 2 yr., \$1.25 each. \$12.50 doz.

Napoleon. Sweet, 2 yr., \$1.25 each. \$12.50 doz.

PEACHES

1 yr. 75c. each. \$7.50 doz.

Belle. Light with blush, flesh white, August 10 to 25.

Carman. Cream, red blush; white flesh, July 25 to August 10.

Elberta. Yellow, red blush; flesh yellow, Aug. 15 to Sept. 15.

Hiley. Cream, red blush; white flesh, August 5 to 15.

Crawford's Early. Yellow with red cheek; flesh yellow, August 15.

J. H. Hale. Yellow overlaid carmine; flesh yellow; September 1.

Rochester. Orange yellow; flesh yellow; August 15.

PEARS

Bartlett. Large, fine-grained, August. 2 yr. \$1.25 each.

Kieffer. Large, blight-resistant, Oct. to Feb. 2 yr. \$1.25 each.

Seckel. Small, tender, September. 2 yr. \$1.25 each.

PLUMS

2 yr. \$1.25 each. \$12.50 doz.

Burbank. Red on yellow, flesh yellow, August and September.

Reine Claude. Yellowish green to yellow, midseason.

Moore's Arctic. Purplish black, flesh yellow, September.

CURRANTS

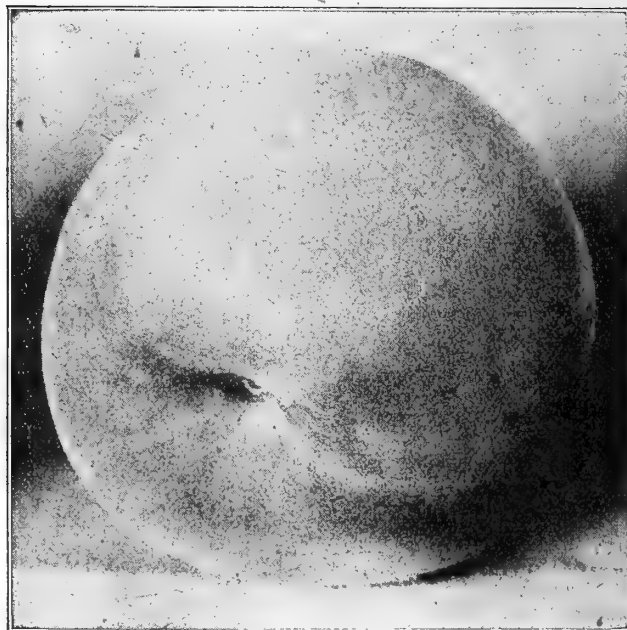
Fay. Dark red, midseason. 2 yr. 50c. each. \$5.00 doz.

DEWBERRIES

Lucretia. Extra large, early. 10c. each. \$1.00 doz.

GOOSEBERRIES

Downing. Large, thin skin. 2 yr. 50c. each. \$5.00 doz.



J. H. Hale Peach

BOLGIANO'S "VITAL HATCH" BABY CHICKS

Early conditions point to a possible scarcity of high quality baby chicks for the coming season.

We believe it will be to your advantage to send your order in early.



We are Equipped To Serve You Promptly With Chicks Of Superior Quality and Breeding

CHICKS WITH "VITALITY"

From Selected Breeders on Unrestricted Farm Range

Bolgiano's "Vital Hatch" Baby Chicks are Bred for Constitutional Vigor and Heavy Egg Production

Hatching Season March 1st to June 30th

Prices Subject to Change Without Notice.

	Five Breeds Nine Varieties	25 Chicks	50 Chicks	100 Chicks	500 Chicks	1000 Chicks
Single Comb White Leghorns.....		\$5.00	\$9.50	\$18.00	\$85.00	\$165.00
Single Comb Brown Leghorns.....		5.00	9.50	18.00	85.00	165.00
Single Comb Rhode Island Reds.....		5.25	9.75	19.00	90.00	175.00
Barred Plymouth Rocks.....		5.25	9.75	19.00	90.00	175.00
Buff Plymouth Rocks.....		5.25	9.75	19.00	90.00	175.00
Columbian Plymouth Rocks.....		5.50	10.25	20.00	95.00	180.00
White Plymouth Rocks.....		5.50	10.25	20.00	95.00	180.00
White Wyandottes		5.50	10.25	20.00	95.00	180.00
Black Minorcas		5.50	10.25	20.00	95.00	180.00

WE GUARANTEE LIVE DELIVERY**READ CAREFULLY—IMPORTANT!**

Weather conditions permitting, we will place the first eggs in our incubators early in February. We manage large flocks of breeders, and are in a position to fill orders for Vital Hatch Baby Chicks early and in large numbers.

Records of all eggs placed in the incubators and of the tests made thereafter are kept to ascertain the percentage of fertility and the probable percentage of hatch to be expected.

We are, therefore, in a position to write you when you may expect shipment of your order. As we are continually booking orders against our hatching records it will be to your advantage to place your order with us immediately, and we will give you the earliest shipping date possible. All orders for Vital-Hatch Baby Chicks are filled in rotation, as received, as near to the date desired as possible.

All prices are subject to change without notice.

We accept all orders for Baby Chicks subject to delays incident to Hatching oftentimes affected by weather conditions.

HOW TO ORDER BABY CHICKS

Be sure and give full name of your postoffice. (Write full name plainly.) State plainly the number and variety of chicks you want and when wanted. All orders are acknowledged same day received with approximate date of shipment given.

If you have a second choice, please name the variety when ordering, and in that way delays will be avoided many times.

If you wish to book your order early and it is not convenient for you to pay for them at the time, send one-fourth or 25 per cent, of the full amount of the order.

A card will be mailed you, showing balance due on your order which must reach us 10 days before shipping date. We cannot ship C. O. D. by Express or Parcel Post.

VERY IMPORTANT

If prices are reduced at the time of shipping, the purchaser will be proportionately credited with the amount or enough additional chicks shipped to make up the difference.

We guarantee 100 per cent of the Baby Chicks to reach you alive.

Do not sign for damaged goods—unless marked damaged by the Agent—on the receipt which you sign.

EXAMINE THE SHIPMENTS

We Ship All Chicks By Parcel Post, POSTPAID TO YOUR POSTOFFICE. The purchaser assumes all risks when chicks are ordered shipped by express.

Open boxes on arrival; if any chicks are dead, have postman mark number on the back of the receipt and return the receipt to us. If this number exceeds 2 per cent we will refund your money for them or replace them, free of charge.

We have shipped baby chicks successfully 1500 miles and can guarantee safe arrival.

All claims must be made within twenty-four hours, with statement from your postman showing chicks were received in poor condition.

SQUARE DEAL STARTING FEED

WITH BUTTERMILK AND COD LIVER OIL
REGISTERED

A COMPLETE FOOD FOR THE FIRST SIX WEEKS

GUARANTEED ANALYSIS

Protein, 13.50%

Fat, 4.00%

Fibre, not over 5.00%

Nitrogen Free Extract 59.00%

Made of

Pure Dried Buttermilk, Corn Feed Meal, Fancy Oat Flour, Alfalfa Leaf Meal, Fancy Flour Middling, Standard Middling, White Bone Meal, Old Process Linseed Meal, Cod Liver Oil and Minerals

PERFECTLY BALANCED

:::

SCIENTIFICALLY BLENDED

A Starting Feed That Has Stood The Test

For the last two years we have been selling Square Deal Starting Feed to our customers who have bought our Vital Hatch Baby Chicks. In this manner it was used and tried by people in all walks of life; Poultrymen, Game Keepers, Mechanics, Laborers, Professional men such as Doctors, Lawyers, Nutrition Experts and Novices and Children.

Now the point we wish to establish in your mind, dear reader, is this: all of these people under vastly different conditions, with all kinds of brooding equipment, using the modern coal brooder, oil brooder, electric brooder, home made contraptions, etc., in different locations, under different climatic conditions, brooded indoors, brooded outdoors and with hens, turkeys, guineas, pheasants, ducks and geese, all of these people with different breeds of chickens, Expected The Same Results From Square Deal Starting Feed With Buttermilk and Cod Liver Oil—

AND THEY GOT IT!

That Is Why We Say:

A Starting Feed That Has Stood The Test

This is a very broad statement to make and we make it fully assured that we have a product that will verify and back up every word of that statement. A trial will convince the most skeptical. You will be surprised at the rapid and healthy development of your chicks.

PRICE

2½-lb. Package\$.25

5-lb. Package 40

100 lbs.

10-lb. Package\$.70

25-lb. Package 1.50

\$5.00

All F. O. B. Baltimore, Md.

PROFITABLE SUGGESTIONS FOR HANDLING BABY CHICKS

The care given baby chicks during the first few days of their lives is vitally important. This cannot be emphasized too strongly. Heavy mortality can usually be traced right back to this critical period. Chick mortality can be reduced greatly by following these simple suggestions, which have been found to be the most satisfactory through experience gained in handling thousands of chicks.

The brooder stoves and houses must be thoroughly cleaned and disinfected. The floor of the house covered with clean chaff, cut clover or sand to the depth of at least one-half inch. The stoves started at least two days before the chicks arrive, with the temperature at the edge of the canopy around 100° Fahrenheit.

When the chicks arrive examine them carefully, and see that all are bright and lively. Some may show signs of slow development after a few days. Such chicks should be removed from the main flock where they can be given special attention. Unless they show signs of improvement, they should not be put back with the others, but should be either fed for market or destroyed. The best time to put the chicks under the hover is just before dark. Take a few out of the boxes at a time and get them settled under the hover before putting the others under. Avoid excitement and noise as much as possible.

Chicks which have travelled some distance are usually upset and nervous. Be sure that they have quieted down before giving them any feed. Grit and tepid water should be before them all the time. Do not give cold water under any circumstances.

THE FIRST FEEDING

On the label of our boxes you will find the date the chicks were hatched. Give them their first feed of "Square Deal" Buttermilk Starting Feed when they are seventy-two hours old. You cannot be too careful about the first feedings. Baby chicks are extremely delicate, and are often killed by too much kindness and too much feed. After they have become thoroughly settled, put down several clean boards or papers, and put on them a handful or two of "Square Deal" Starting Feed with Buttermilk. Attract their attention to the feed by tapping the boards lightly with the finger tips. Do not allow the chicks to eat longer than fifteen minutes at each feeding, then gather up all the feed which was not eaten. They should be fed four times a day in this manner for the first four days. Leave the feed before them a few minutes longer each day, and on the fifth day put the feed in hoppers, keeping it before them all the time. On the evening of the fourth day scatter a few handfuls of "Square Deal" Baby Chick Grains in the litter. Thereafter give the chicks a light grain feed both morning and evening.

If there is any green feed available such as lettuce or sprouted oats, give the chicks a little of this each day. It will help materially.

Follow these directions and feeding instructions carefully until the chicks are six weeks old, with the exception of the grain ration, which should be changed from "Square Deal" Baby Chick Grains to "Square Deal" Developer Grains after the fourth week. At the end of the eighth week, start to change the feed to "Square Deal" Buttermilk Growing Mash, by mixing equal parts of starting feed and growing mash, gradually reducing the quantity of starting feed until the chicks are on the growing mash ration. This change should be completed in two weeks.

Keep a close watch on the chicks for lice. Clean the brooder houses frequently and spray with a good disinfectant each time. As soon as the weather permits, get the chicks on the ground into the sunlight. This will tend to prevent leg weakness, toe picking and other vices, to a large extent.

As soon as the cockerels can be determined, separate them from the pullets and feed them for market. "Square Deal" Buttermilk Fattening ration should be used for this purpose.

When the pullets grow to maturity, change their food from growing mash to "Square Deal" Buttermilk Laying Mash and Scratch Grains in the same way the change from starting feed to growing mash was made.

A WORD ABOUT OUR CHICKS

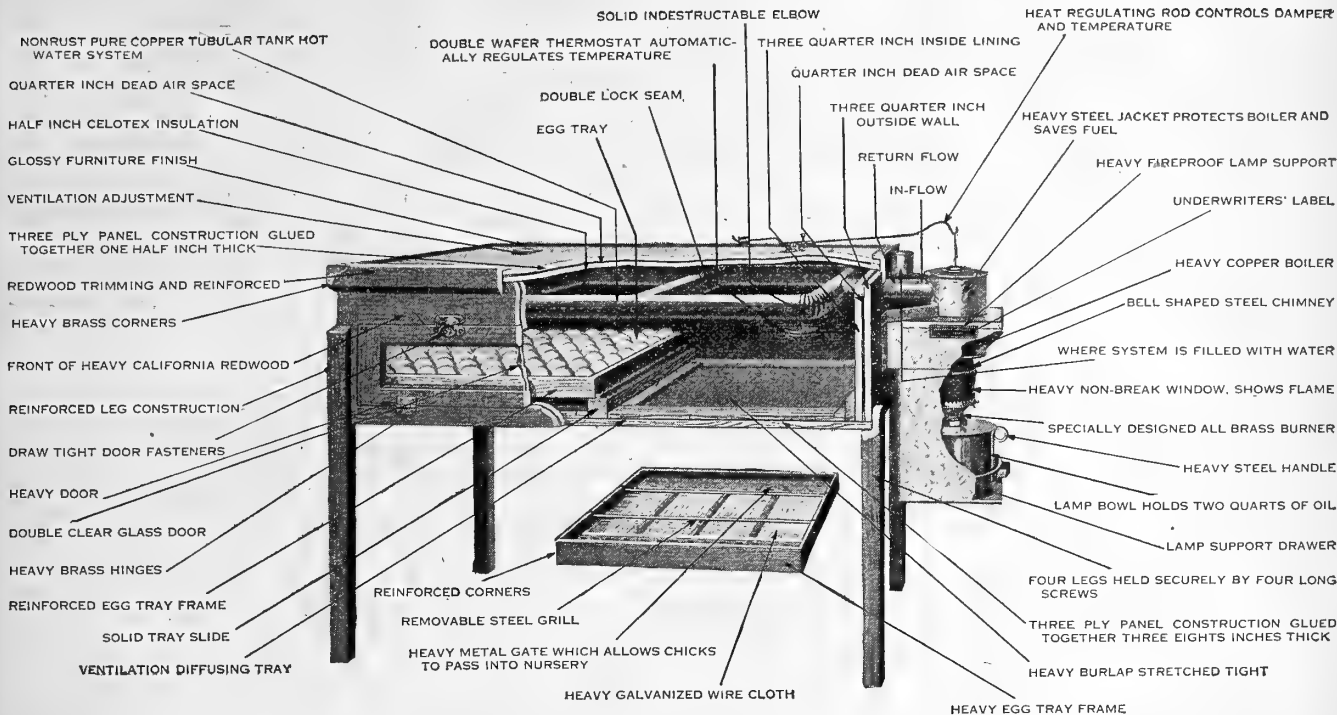
Realizing the ever increasing demand for pure bred chicks and especially such chicks that are properly hatched and culled as soon as they leave the incubator, we are offering this season to those of our customers, who desire to improve their flocks, a high grade, pure bred chick of several breeds and varieties.

Our prices are listed elsewhere in this catalogue and are very reasonable and consistent with the quality and grade of chicks that we endeavor to supply to our patrons. Our chicks are hatched by the latest and most improved methods and are packed for shipment in strong corrugated board boxes.

We guarantee 100% Live Arrival.

BOLGIANO'S SQUARE DEAL INCUBATOR

Approved by the National Board of Fire Underwriters



Please Examine the Superior Construction of
Bolgiano's "Square Deal" Incubator
(Shown Above)

General Description of Incubator

CASE—Selected California Redwood. Double Walls, outside and inside walls $\frac{3}{4}$ in. thick, with $\frac{1}{4}$ in. dead air space between.

Door—Double glass, $\frac{1}{4}$ in. space between glass which prevents steaming. Heavy brass plated hinges and draw-tight fasteners.

Top—Extra heavy, lined with $\frac{1}{2}$ in. insulation. Has $\frac{1}{4}$ in. air space between top and insulation. Heat or cold cannot penetrate.

Legs—Heavy legs fit over corners of incubator holding same firm and steady.

Egg Trays—All "Square Deal" incubators are equipped with Patented Egg Turning Trays. Frames made of whitewood, are extra heavy—bottoms are heavy galvanized hardware cloth—not fly screen—bottom will not sag.

CHICK TRAYS—Heavy frame with burlap bottom. All "Square Deal" incubators have deep nurseries and nursery trays.

HEATING SYSTEM—Hot Water—Tank and boiler made of pure copper and will not leak.

TEMPERATURE—Temperature in incubator is controlled by automatic regulator. See illustration and description in this catalog.

LAMP—Lamp bowl stamped from one piece non-rust steel. Holds one-half gallon, will not leak. Metal chimney—heavy brass, special sun-hinge "Square Deal" burner.

LAMP SUPPORT—Lamp enclosed in heavy galvanized jacket conserves heat and is fireproof.

THERMOMETER—Furnished with tested incubator thermometer and holder.

INCUBATORS COMPLETE—All our incubators are sent out complete. No extras to buy—we send Egg Trays, Thermometer and Holder, Egg Tester, Lamp, Regulator, Lamp Support, Legs and a Complete Instruction Book.

Every "Square Deal" Incubator bears the label of the National Board of Fire Underwriters.

With such improvements as our Patented Egg Turning Trays, Copper Hot Water Heating System, Automatic Heat Control, Safety Lamp, and Perfected Insulation for the Incubator Case, we can now assure poultrymen larger and stronger baby chicks, 15 to 20 per cent bigger hatches, and an incubator which requires very little attention. All "Square Deal" Incubators bear the Underwriters' Label and are FIREPROOF.

Each incubator is tested individually before it leaves the factory. The purchaser is sure of satisfactory results, if he will but follow the few simple instructions which accompany each incubator.

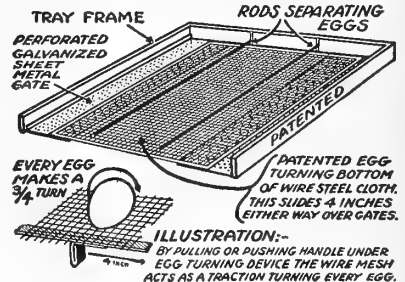
Prices

85 Eggs	\$16.50
150 Eggs	24.00
250 Eggs	31.50
400 Eggs	44.50
600 Eggs	65.00

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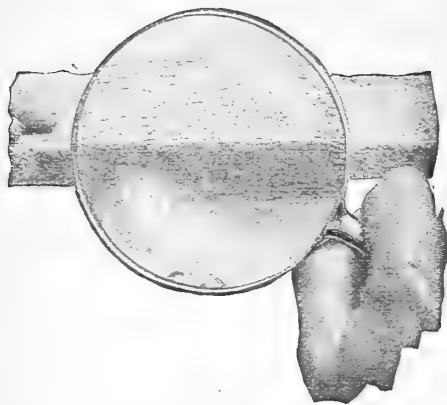
Patented Egg Turning Trays
Used in All Square Deal Incubators

Sectional View - Side Removed



Read These Twelve Points

1. Handling eggs with moist or oily hands reduces the hatch.
2. Turning the eggs by hand causes poor hatches and weak, puny chicks that will not live.
3. Our Turning Trays will increase hatches from 15 to 20 per cent.
4. For best results eggs should be turned three or four times each day.
5. Our Turning Trays save time. All the eggs in our largest incubators can be turned in one minute.
6. With our Turning Trays it is not necessary to transfer the eggs to hatching trays at hatching time.
7. Our Turning Trays are built strong and substantial, will last indefinitely, have gates so chicks can drop to the nursery if desired, and are easy to keep clean.
8. Our Turning Trays are easy to operate—a child ten years old can turn the eggs with one hand.
9. Our Turning Trays hatch big, strong, fluffy chicks, and hatch them all.
10. Trays need not be removed to turn or cool the eggs. Tray is pulled part way out, then eggs are turned and are left in same position until cooled.
11. The "Square Deal" Incubator with Patented Egg Turning Trays rid poultry raising of the back-breaking drudgery of turning eggs by hand.
12. Our Turning Trays do not break the eggs. They save time and trouble and insure the biggest hatches.



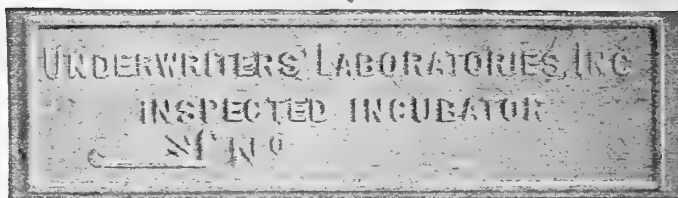
Celotex Insulation

This insulation keeps the cold air out and the warm air in. It is impossible for heat or cold to penetrate.



This view shows the double wall dead air space construction used in all our Square Deal machines.

Every Square Deal Incubator Bears the Underwriters' Label



This label on all Square Deal Incubators means that their construction is approved by the Underwriters' Laboratories and are built under their supervision. One of the most important things to consider when buying an Incubator is whether it is constructed so that it can not cause a fire. All Square Deal Incubators bear the Underwriters' label, which guarantees the maximum degree of safety. Before we were permitted to use this label our machines were given rigid tests in the Underwriters' Laboratories—tests far more severe than any to which our machines would be subjected to, while in use. The Underwriters' engineers found that it was impossible for the lamp on Square Deal Incubators to set the machine on fire. The label above is their seal of approval.

By using Square Deal Incubators with the Underwriters' label you can always get insurance on the building in which your Square Deal Incubator is being operated, and in most cases at a lower rate. Without this label, insurance is often refused. The specifications of the National Board of Fire Underwriters are very rigid. This Board numbers among its members practically every large fire insurance company in the United States. The strict rules that they lay down make the Underwriters' Label a real symbol of high quality construction and safety. In the Square Deal Incubator you get a machine which is fully approved by the Underwriters and yet you pay no more.

Bolgiano's Square Deal Oil Burning Brooder

Clear, Constant Heat from a Clear Blue Flame without Smoke or Gas

Prices

350 Chick Size

42-in. Canopy

\$12.50

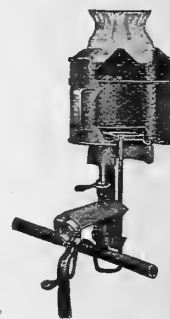
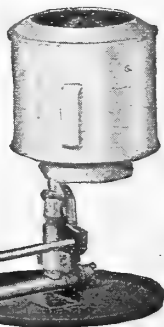
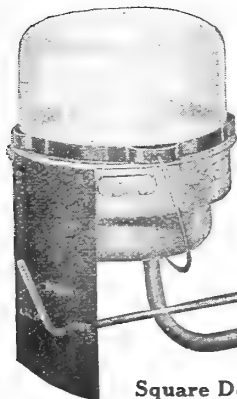
500 Chick Size

52-in. Canopy

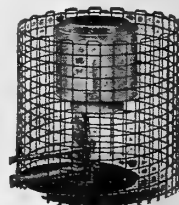
\$13.75

The clear blue flame rises from the top of the chimney (which is 12½ inches above the floor) directly to the ventilator or cap at the center of the canopy—then spreads evenly all around. The supply tank is located outside the canopy, connected by a long supply pipe. Capacity of tank 1 gallon which will burn 24 hours. We can also supply the 2-gallon metal tank if desired. Regulation is controlled by the handle at the tank.

To operate—fill the tank with good grade of Kerosene oil. Set tank on the subtank. Oil then runs from the subtank and flows through the supply pipe into the burner, saturating the wick which feeds to the flame. Notice in the cutaway view of the burner how the flame rises up from the wick through the combustion chamber and out at the top—a clear, clean blue pyramid flame, no generating Lights like a lamp. Its great economy is because the burner takes so much of oxygen out of the air, uniting with the vaporized Kerosene into the wonderful flame. The burner is raised and lowered by a handle crank—no ratchets and gears to wedge and stick, hence the flame will always stay exactly as set. There is no solder to melt and allow leakage. Wicks should last an entire season.



To keep chicks away from the burner, we suggest that users make a wire screen, like the illustration, cutting a slot to allow setting over the pipe line. This screen should be set on the ground or floor and be high enough to protect even above top of chimney. Diameter of screen about 12 inches, height 14 inches or more. In case there is dust in the air, put a flour bag, or gunny sack, or piece of muslin over the supply tank letting it hang down below the holes of the subtank.



Square Deal Brooders are safe, simple and easy to operate

BOLGIANO'S "SQUARE DEAL" COLONY BROODER

CORRUGATED FIRE POT

ABSOLUTELY SELF REGULATING

TRIPLE DRAFT REGULATION

GAS PROOF

DUPLEX GRATES

COAL ONCE IN 24 HOURS

Costs Less Than 10 Cents Per Day to Operate

The Square Deal Brooder is Gas proof.

Fire Pot joints are cemented. The Automatic Regulator is very simple, consisting of a damper operated by two powerful thermostats.

Nothing to get out of order.

When once set it is self-regulating and requires no other attention.

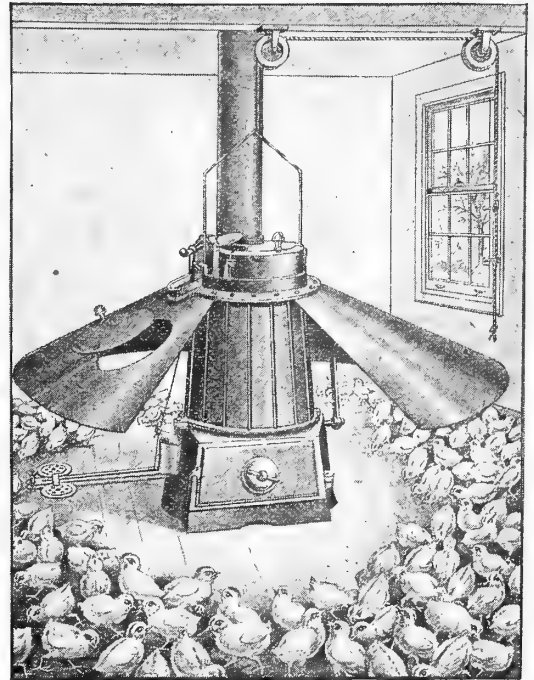
It is not necessary to raise the hover to put on coal.

The two smaller sizes use four-inch pipe, the larger size five-inch pipe.

Write your own guarantee.

Specifications

	Capacity 350 Chicks	Capacity 500 Chicks	Capacity 1000 Chicks
Height of stove.....	22 inches	25 inches	27 inches
Diameter of cylinder....	10 inches	11 inches	13 inches
Diameter of hover.....	42 inches	48 inches	56 inches
Diameter of grate.....	9 inches	10¼ inches	11½ inches
Shipping weight	78 lbs.	100 lbs.	122 lbs.
Price complete	\$16.00	\$20.50	\$25.50



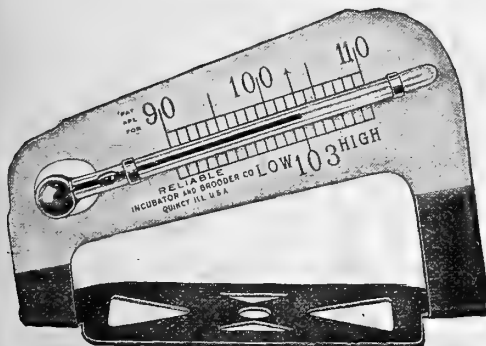
DUPLEX GRATES

The principal secret of a good fire in a stove of any character, next to good draft through chimney, is a good grate that will clean out ashes thoroughly and allow draft through fire. We believe we have solved this problem.

Note the construction of this grate. It raises up 1½ inches, striking the fire at four points. No draw center or shaker grate will do this. One filling of coal will last 36 hours in ordinary weather. Figure the cost of operating yourself.

These stoves are shipped complete, all you have to do is to bolt on the thermostat arm. The hover is shipped in a strong crate and is complete.

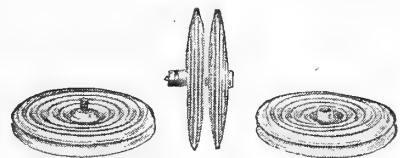
Incubator Thermometers



Weight 8 oz. Price, \$1.00

Hatch-All retested Incubator Thermometer with White Porcelain Enamelled Standard Frame, with black engraving. It has a magnifying lense so mercury column is easily read. It stands on the bottom of egg tray without displacing any of the eggs.

Reliable Brass Wafer Thermostats



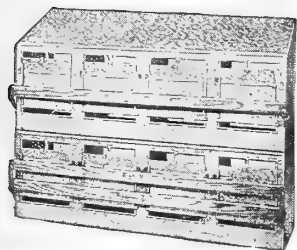
For Any Incubator or Brooder

This double wafer has a solid post between the two units, making each unit separate and independent of the other, so that should one of the units become damaged the other would continue to function, thus giving double protection.

50c each

OAKES' IMPROVED TRAPNEST

Needed By Every Poultryman



Every year poultry raisers realize more and more how unprofitable it is to feed hens that do not lay. They eat the food good hens should have and overcrowd the poultry-house and yards, particularly during the confinement of winter months. Weed out the loafers and slackers in your flock by using the Oakes' Improved Trapnest. It will pay for itself many times over by showing you which hens are layers and which are liars. It is not always the cackling hen that lays.

The Oakes' Improved Trapnest is made of galvanized iron throughout, thoroughly durable and substantial and absolutely sanitary. Can be scrubbed and scalded—no cracks or crevices in which lice and mites can escape. The trap is held open by a catch, and when the hen enters the trap falls and keeps her confined in nest until released by attendants. It never fails. Furnished with perches, if desired. These perches when let down for use, enable the fowls to enter the nest; when raised at night the fowls cannot roost on them and they prevent "broody"

hens or other fowls from entering the nests.

This nest has many advantages. Hangs on the wall. Easy to clean. Just pull nest out at bottom and dirt falls out. Many poultrymen use two or three lower sections and one upper section, placing one above the other and thus conserving space. The lower section is made with flat top so upper section can rest on same. Length 46 inches, width 13 inches. Add to shipping weights listed below five pounds to the 4-compartment and eight pounds to the 8-compartment to cover the nests with perches.

- | | | |
|-------|----------------------------------------------------------------------------------------------------------------------------|---------|
| D—57 | 4-Compartment nest complete (Upper section only) with doors and without perches. Shipping weight, crated, 32 lbs..... | \$ 5.75 |
| D—57A | Same, with doors and with perches..... | 6.15 |
| D—57B | Same, without doors and without perches..... | 4.95 |
| D—58 | 8-Compartment nest complete (Upper and lower section) with doors and without perches. Shipping weight, crated, 52 lbs..... | 11.25 |
| D—58A | Same, with doors and with perches..... | 12.00 |
| D—58B | Same, without doors and without perches..... | 9.65 |

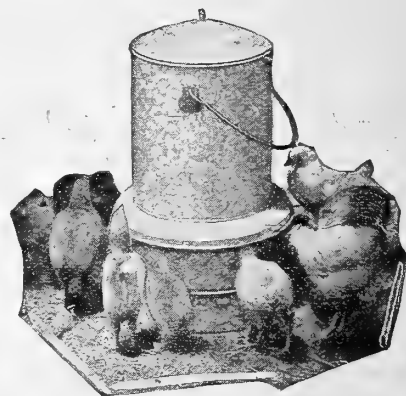
CAPACITY FOUNTAIN

This fountain consists of two cans, one telescoping into the other making a double thickness of metal which will retard freezing in winter and keep water cool in summer.

The fountain has drinking space all around. Is filled from the top which is cone shaped to prevent fowls from roosting on the fountain.

Used with stand for growing fowls, or can be used without stand for baby chicks. By getting this fountain and the D-43 heater, you have a fountain that can be used throughout the year. This is a dandy fountain for large flocks of baby chicks as it does away with the bother of handling a lot of jar founts or other small waterers.

- | | | |
|------|----------------------------------------------------------|--------|
| D—9 | 5 Gallon Fountain, packed one in a box..... | \$3.75 |
| | Shipping weight, 12 lbs. | |
| D—9A | 5 Gallon Fountain, with heater, packed one in a box..... | 5.50 |
| | Shipping weight, 20 lbs. | |



OAKES' SANI-THERMO FOUNTAIN



Keeps Water Warm or Cool—Easy to Fill and Clean
TOP-FILLED; CLEANABLE

Here's the most modern method of supplying poultry with satisfactory drinking water at all times. It insures sanitary, healthy water, regardless of season or location. It keeps the water warm in winter and cool in summer. No lamps to bother with and no expense! The ingenious arrangement of the Oakes' Sani-Thermo Fountain holds the water at the right temperature for a long time. Made of galvanized iron. Top-filled, making it easy to fill and clean.

Heavy wire handle makes fountain easy to move. Conical top keeps fowls from roosting on fount. Well insulated. Made in three sizes.

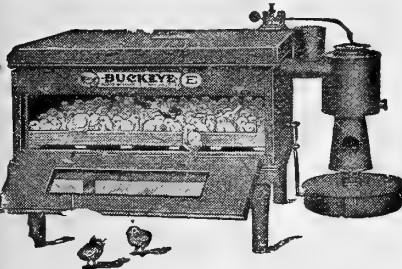
Capacity	Weight	Price
2 gals.	27 lbs.	\$4.00
3 gals.	30 lbs.	4.50
5 gals.	38 lbs.	5.50

All prices on this page F. O. B. Baltimore, Md.

Parcel Post rates inside front cover

"BUCKEYE" INCUBATORS

The Buckeye Incubators are sold under an iron-clad **GUARANTEE** to hatch a chick from every hatchable egg. This is the guarantee the makers give with every machine sold. **10% Discount** from prices listed below on all Buckeye Incubators.



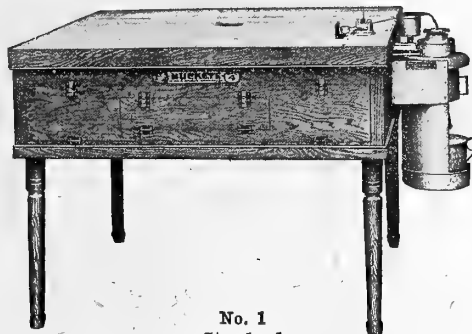
**No. 14
Style E**

Weight, crated for shipment, 56 Lbs.
Capacity, 65 eggs. Price **\$16.50**.

No. 14 is especially adapted for use by the small raiser. It has all the important features of the larger machines, such as visible thermometer, and the Buckeye heating and ventilating system. The temperature is easily regulated and the consumption of oil is low.

No. 16, Style E. Capacity, 110 eggs; weight, crated for shipment, 90 pounds. Price **\$27.50**. This machine is the same as No. 14, except that it has a greater egg capacity and long legs instead of short ones.

No. 17, Style E. Capacity, 210 eggs; weight, crated for shipment, 132 pounds. Price **\$36.75**. Same as No. 16, except that it has greater egg capacity.

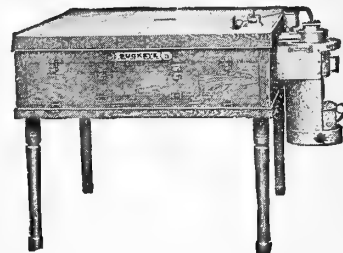


**No. 1
Standard
110 Eggs
Price \$37.50**

No. 1 Standard has a capacity of 110 hen eggs, or 85 duck eggs. It is complete in every detail, and is ready for immediate use. The weight, crated for shipment, is 104 pounds. This incubator is insurable, and bears the Underwriters' label. An improved feature of all Standard incubators is the enclosed lamp. Equipped with oil or gas heater.

No. 2 Standard has a capacity of 175 hen eggs or 140 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 129 pounds. This machine is insurable, and bears the Underwriters' label. Price **\$44.50**.

No. 3 standard has a capacity of 250 hen eggs or 200 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 170 pounds. This machine is insurable, and bears the Underwriters' label. Price **\$57.75**.

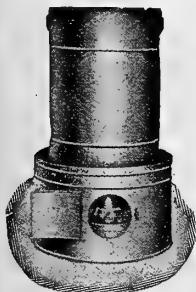


**No. 3
Standard
250 Eggs
Price \$57.75**

No. 4 Standard has a capacity of 350 hen eggs or 280 duck eggs. Equipped with oil or gas heater, and is ready for use. Weight, crated for shipment, 206 pounds. Insurable, and bears Underwriters' label. This machine is very convenient for the commercial raiser. Price **\$68.00**.

No. 5 Standard (Mammoth Standard). Capacity, 600 hen eggs or 480 duck eggs. Outside dimensions, 54 inches square, 36 inches high. Equipped with four egg trays, holding 150 eggs each. Double doors on front and back; oil or gas heater. Complete and ready for use. Bears Underwriters' label. Weight, crated for shipment, 314 pounds. Price **\$107.00**.

Non-Freezable Fountain and Heater

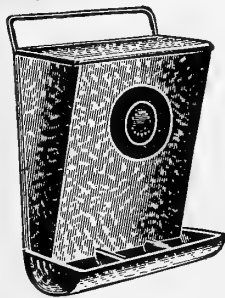


This fountain can be used in the mid-winter with no danger of the water freezing and also is a good heater to keep your poultry house warm, to increase egg production. It is equipped with an oil lamp with our special burner that needs no chimney; large lamp fount furnishes oil 48 hours. It can be used in summer as well by putting lamp in position, but do not light it.

The 8-gallon size is large enough for 100 to 150 fowls. The 4-gallon size is large enough for 50 to 75 fowls.

Size	Weight Crated	Price
4 galls.....	12 lbs.....	\$4.00
8 galls.....	18 lbs.....	\$4.50

Shell and Grit Box



Mailing weight, 4 lbs. Price **90c.**

Grit, shell and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Made of galvanized iron.

Peerless Self-Feeding Dry Feed Hopper



This hopper is absolutely rat-proof all the time, day and night, and needs no attention except refilling when empty.

It is the only hopper that will feed grains, dry mash, beef scrap, etc., with equal facility, as it has an unobstructed feed outlet.

The fowls positively cannot waste the feed, as they have to exercise for every mouthful they get, though the feed is freely before them all the time.

SIZES AND PRICES

Small, 8 qt. size for 10 to 15 birds.....	\$2.00
Medium, 16 qt. size for 15 to 30 birds.....	2.50
Large, 32 qt. size for 35 to 50 birds.....	3.50
Mailing weights, 4, 6 and 8 lbs.	

THE LITTLE PUTNAM STOVE



Price, **\$1.95 Each**

Uses of the Little Putnam Stove

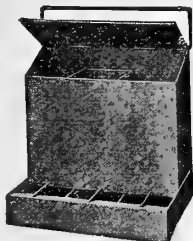
Used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather.

Used as the heat element for a Putnam homemade oat sprouter.

Description of the Little Putnam Stove

A Little Putnam Stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention. The stove with any kind of fair usage will last a life-time.

1-2-3 Feeder is used for dry mash scraps, shells, grit, charcoal or any poultry feed. When used for one kind of feed only, take out separator; two kinds, put separator in one end. When used for three kinds — say scraps, shells and grit put separator in middle.



No. 1, small size	\$.75
No. 2, large size	1.30
Mailing weights, No. 1, 3 lbs.; No. 2, 5 lbs.	

All prices F. O. B. Baltimore. Parcel Post Table inside front cover

FEEDER FOR LARGE FLOCKS

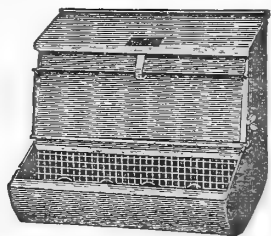
With this trough feeder you can get capacity without unnecessary expense. It is much lighter in weight and more sanitary than those made of lumber, it enables the birds to better see their feed, and thereby prevents waste. Furnished with or without lids.

Those with lids are equipped with two four foot lids, hinged so they will lie back when raised and when lowered lids do not project over troughs, thus preventing rats from lifting lid. Wires are four inches apart, center one, to be bent back to brace sides.

Should be set on supports and can be used inside the poultry house for laying mash or outside the poultry house for growing mash, for young stock.

- D—1 8-Foot Trough with two lids crated one in crate.....\$5.60
Shipping weight, 60 lbs.
- D—4 4-Foot trough with one lid packed singly..... 3.10
Shipping weight, 32 lbs.

THE IMPROVED MASH HOPPER



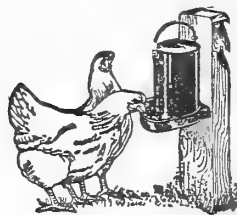
The Improved Handy Hopper is made of galvanized iron throughout. It is provided with hinged lid over both hopper and trough, making it rat and mouse proof, as well as dirt proof.

It is provided with a swinging front, adjustable to suit any kind of dry mash and which eliminates any possibility of clogging.

- No. 1, 12 in. in length.....\$1.70
No. 2, 18 in. in length..... 2.10
No. 3, 24 in. in length..... 2.60
No. 4, 36 in. in length..... 3.90

Mailing weight, 6, 8, 12 and 16 lbs.

KEYSTONE FOUNTAIN

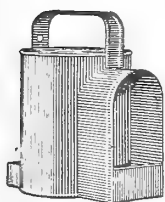


Keystone Fountains will keep your stock supplied with clean water at all times at a very little trouble to you. They are made of heavy material and galvanized, superior workmanship. Easy to clean, easy to fill; pan hinged to tank.

Price, 1-qt. size, 40c.; 2-qt. size, 65c.; 4-qt. size, 85c.; 8-qt. size, \$1.25.

Mailing weights, 1, 2, 3 and 4 lbs.

HEAVY WALL FOUNT



These are made of No. 28 gauge steel and are much better and stronger than most other fountains of this style now on the market. A hood over the trough prevents dirt from getting into water.

2 qt., 60c.; 4 qt., 75c.; 8 qt., 95c.

Mailing weights, 2, 3 and 4 lbs.

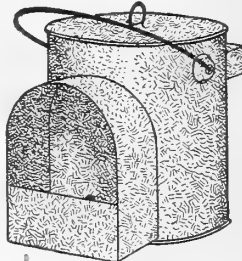
TWO-PIECE SANITARY FOUNTAIN

These fountains are made from extra heavy galvanized iron with double walls which keeps the water cool in summer and retards freezing in winter. Can either be set on the floor or hung on the wall. A hood over the drinking pocket keeps the water from becoming soiled.

To fill take fountain apart, fill the inner tank and slip the outer tank down over it and then invert.

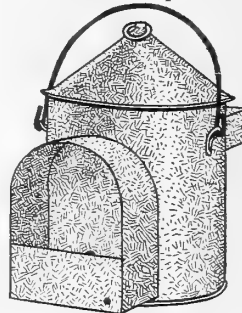
Manufactured in 2 sizes and 2 styles

Flat Top



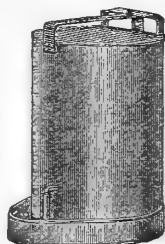
- 1 gallon, each.....\$1.20
2 gallon, each..... 1.40

Cone Top



- 1 gallon, each.....\$1.30
2 gallon, each..... 1.50
Mailing weight, 3 lbs.

IMPROVED DROP BOTTOM FOUNTAINS SINGLE WALL



and kept in a sanitary condition. 1 gal. size \$1.00.

Mailing weight, 2, 3 and 4 lbs.

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned

FEED AND WATER CUP

For Exhibition Cages or Hutches

Made of galvanized iron. Easily hung on the side of the Hutch or Exhibition Cage.



No. 61.—Mailing weight, 1 lb. Price, 15c.



Nesco Galvanized Drinking Fountains

1 qt., 25c.; 2 qts., 30c.; 4 qts., 40c. Mailing weights, 1, 2 and 3 lbs.

LEADER FOUNTAIN



A new sanitary fountain, practical to use and easy to keep clean, made in two pieces which telescope.

This fountain has two drinking spaces making it very convenient for large flocks and holds 3 gallons of water. These founts can be hung on the wall or placed on a stand, are well made of good material and are a distinct saving of from 30% to 40% over any fountain its size.

Price, \$1.50 each.

Mailing weight, 6 lbs.

All prices F. O. B. Baltimore. Add postage if to go by mail
Parcel Post rates see inside front cover

BABY CHICK SUPPLIES

AUTOMATIC FOUNTAIN AND CHICK FEEDER



This appliance for chicks feeds water, grain, grit, etc., automatically. It is an absolutely sanitary fountain, made to fit any half-gallon, quart or pint Mason jar. We do not furnish jar. Pan is hinged to the wire,

so that it is not necessary to remove the pan in order to refill it. Price, 10c. each. Mailing weight, 1 lb.

MASON CHICK SERVER

This server works automatically with feed or water. Fill a one-quart Mason fruit jar, screw the base to its place, then it is ready for business. Chicks cannot get wet. Price, 15c.



Postpaid, 20c. each.

SYFON CHICK FOUNT

Any jar can be used. The jar snaps on or off instantly and is held firmly in place by the two inside clamps. The patented hole in the bottom allows air to rise through the water and relieve the suction. Unlike other fountains this one will never run dry and cannot clog while there is water in the jar. Made of terne plate. Price, 15c. Postpaid, 20c.



LANDSOWNE POULTRY MARKER



See how easy to use. 30c. postpaid.

PERFECT POULTRY MARKER



The best little chick marker ever made. Small and convenient to carry in the pocket. 30c. postpaid.

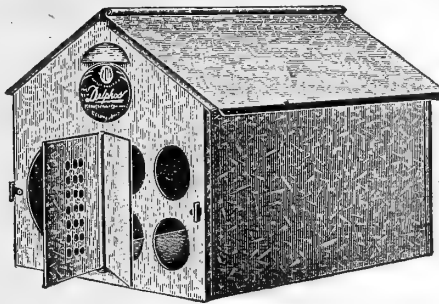
LEVER PUNCH



Three Sizes

The best punch of all. Cuts clean, practically no bleeding. Price, 55c. postpaid.

BOLGIANO'S GALVANIZED BROODER COOPS



A Perfect Brooder Coop

Packed flat and can be put together without any tools.

The bottom can be removed in an instant to be cleansed.

All parts slide together in a bead and coop is perfectly rigid.

Can be taken apart and packed away flat, occupying very little space when not in use.

Rat and vermin proof.

A perfect shelter for hen and young chicks.

Size 18 inches wide, 22 inches long, and 18 inches high. Price, \$2.00.

ROUND BROOD COOP



Diameter, 22 inches.

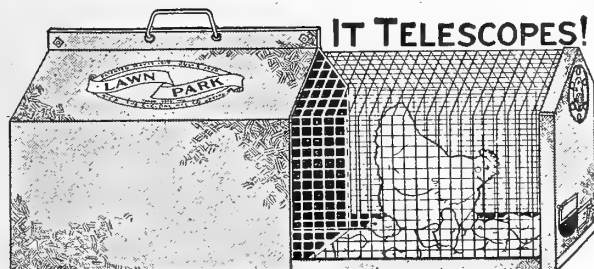
Height, 20 inches.

Made from 28-inch gauge galvanized steel.

Price, \$2.25.

LAWN PARK BROOD COOP

Made from galvanized steel, 18 inches wide, 24 inches long, and 19½ inches high.



IT TELESCOPES!

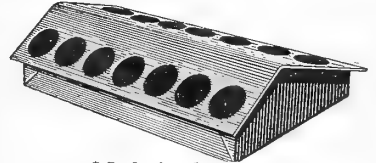
The wire park slides in and out, an ideal coop for both hen and chicks. Shipping weight, 20 lbs.

Price, \$3.50 each.

CHICK FEED TROUGHS

These troughs are very convenient for feeding flocks of growing chicks.

The trough is made on a half-circle, so that every bit of feed can easily be eaten out of it.



Made in three sizes

12 inches, 16 holes.....20c.

Mailing weight, 1½ lbs.

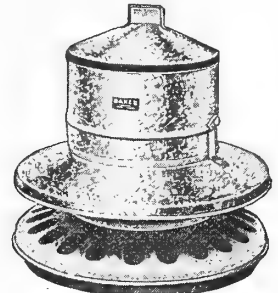
18 inches, 26 holes.....30c.

Mailing weight, 1¾ lbs.

24 inches, 34 holes.....40c.

Mailing weight, 2 lbs.

ROUND CHICK HOPPER

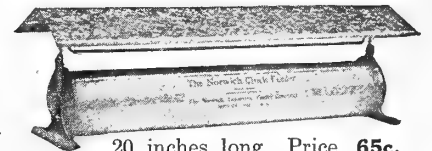


A very popular, practical, durable hopper, made of galvanized steel. Cone keeps feed from clogging. Holds one peck.

Height, 12 inches; diameter of hopper, 8 inches; diameter of pan 12½ inches; weight, 4 lbs.

No. 56, Each.....\$1.25

THE NORWICH CHICK FEEDER WITH RAIN TOP



20 inches long. Price, 65c.

Convex in shape, it is impossible for the chicks to pull out and scatter the feed and its saving feature is, therefore, at once apparent. Fitted with a removable guard rod it is a physical impossibility for the chicks to get into the feed and the rod is too small to permit their standing or roosting on it—hence we have a device in which pollution is absolutely avoided and in which there is no waste of feed.

BABY CHICK SUPPLIES

ROUND BABY CHICK FEEDERS



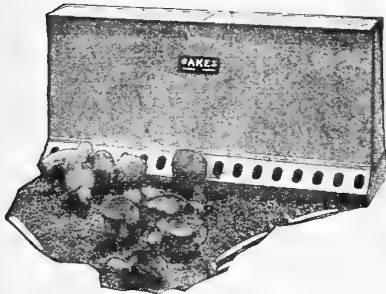
Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding device that will last for years. Manufactured in two sizes.

No. 11—6 inches in diameter, 8 feeding holes, each, **15c.**

No. 12—8½ inches in diameter, 12 feeding holes, each, **25c.**

Postage, **7c.** extra.

CAPACITY FEEDER



The greatest chick feeder you ever saw to save time, labor and feed. Has 50 feeding spaces; wires extend into the hopper so that chicks, in eating, shake down the mash and prevent clogging. The gabled top is hinged to lift back to make filling easy; capacity about 35 pounds of mash. Length, 30 inches; height, 12 inches; width at bottom, 11 inches. Weight, 15 lbs.

Price, **\$4.30.**

GRIT AND CHARCOAL BOX FOR BABY CHICKS



No. 45—Two compartment, square bottom grit and charcoal box for baby chicks.

Mailing weight, 2 lbs. Price, **40c.** each.

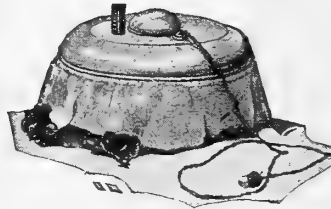
MASON JAR FEEDER



This feeder fits any mason jar and can be used either as a water fountain or dry feeder. It feeds automatically as the feed or water is lowered in the trough. The trough has 8 holes and chicks cannot get wet when used as a fountain. Galvanized steel, 6 inches in diameter. Price, **15c.** Postpaid, **20c.**

Oakes' Electric Hoover

Patented June 26, 1923



THIS is the handiest and easiest to operate of any brooder you ever saw. Its operation is as near automatic in every way as possible. No lamp to bother with, no fumes or smoke to stunt the chicks, no extreme fluctuations in temperature.

In fact, the Oakes' Electric Hover incorporates the same good principles as the Oakes' Electric Hen and gives the same good result in raising chicks that the Electric Hen does in hatching them.

Furnished complete with automatic regulating attachments, brooder thermometer and curtain. Made for either 32 or 110 volt current.

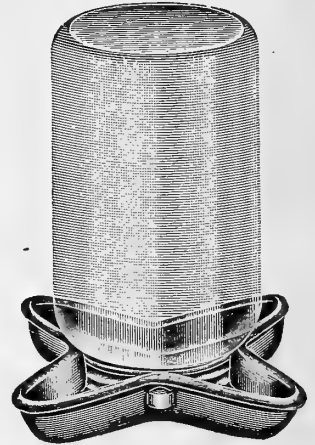
No. D-89—18-inch Electric Hover (50-75 chicks), complete **\$13.50**

Packed one in a box; shipping weight, 13 lbs.

No. D-90—22-inch Electric Hover (75-100 chicks), complete..... **\$16.50**

Packed one in a box; shipping weight, 18 lbs.

STAR JAR FOUNTAIN AND FEEDER PATENTED



The most simple, practical and durable Mason jar fount on the market.

No. 32, **10c.** each, without the jar (two) postpaid, **25c.**

DELPHOS CHICK FOUNT



Holds One Gallon

Sanitary—indestructible. A convenience to chicken raisers.

To Fill—Pull top off base and turn can upside down and fill. Push base on and invert. The pressure of the air, together with the two springs, holds the weight of the water and fount may be carried by the handle on top without fear of spilling contents.

WALL CHICK FEEDERS



These are made in two sizes, ten inches long and twenty inches long. The sloping top prevents the chicks from roosting on it and a wire screen prevents chicks from wasting the feed.

10 in., **\$1.35**; 20 in., **\$1.60.** Mailing weights, 3 and 5 lbs.

All prices **F. O. B. Baltimore** unless otherwise specified
Parcel Post rates inside front cover

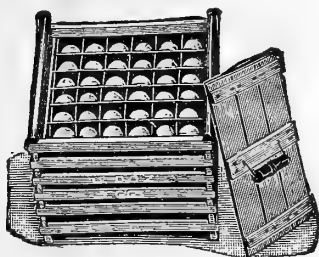
ANDERSON EGG BOX



A strong collapsible box for shipping fancy eggs.

Size	Each	Doz.	Weight Per Doz.
15	25c	\$2.65	18 lbs.
30	35c	3.95	28 lbs.
60	50c	5.40	40 lbs.

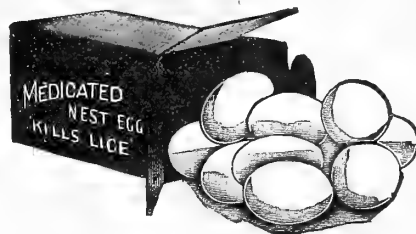
HUMPTY DUMPTY FOLDING EGG CRATE



Ships eggs easily without breaking. Customer returns case by mail, knocked down, for it is a *Humpty Dumpty* folding crate. Strong and durable. No tools required to set them up. No bothersome work in packing. Can be used over and over.

Capacity	Each	Doz.	Weight
72 Eggs	50c	\$5.50	5 lbs.
144 Eggs	60c	6.15	8 lbs.

MEDICATED NEST EGGS



They contain a powerful disinfectant, which is guaranteed to drive out all lice and vermin. Each, 6c. Doz., 60c. Not postpaid. Mailing weight, 2 lbs. doz.

OPAL OR CHINA NEST EGGS

White flint, will last a lifetime, 3c each. 2 for 5c. 12 for 25c. Mailing weight, 1 lb. doz.

SQUARE DEAL WATER GLASS

Saves Money and Helps Keep Down the High Cost of Living



Put your eggs down in the spring and summer when they are cheap and keep them fresh for ten months. One gallon makes sufficient solution for 50 dozen. "Square Deal" Water Glass has been thoroughly tested. Do not trust eggs to a water glass of inferior strength. It must be pure and strong to safely protect eggs.

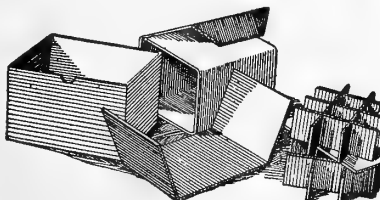
Price, 1 quart, 25c; 2 quarts, 45c; 4 quarts, 85c.

EGG CASE FILLERS

Cardboard fillers for the ordinary 30 dozen market case come packed in cases of 10 sets per case (100 fillers 80 flats) for \$1.50 per case; less than case, 20c per set.

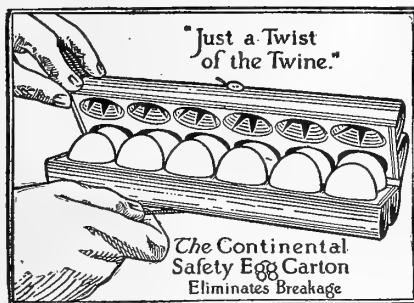
Mailing weight, 4 lbs. per set.

CORRUGATED PARCEL POST EGG BOXES



Size	Each	Doz.	Weight Per Doz.
1 dozen	8c	\$.90	8 lbs.
2 dozen	11c	1.20	12 lbs.
3 dozen	15c	1.65	16 lbs.
4 dozen	19c	2.10	21 lbs.
5 dozen	22c	2.40	24 lbs.
6 dozen	26c	2.90	28 lbs.
10 dozen	31c	3.10	40 lbs.

SAFETY FIRST



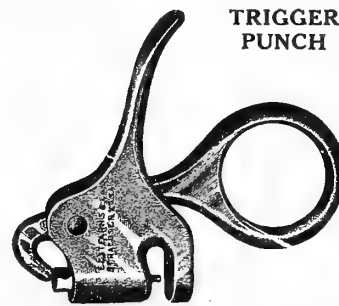
Pack them in Continental Safety Egg Cartons and cut out breakage—half your profit goes that way.

Continental Cartons are neat and unique, clean and convenient.

Prices, 25c per doz.; \$1.60 per 100; \$3.75 per 250; \$14.25 per 1000.

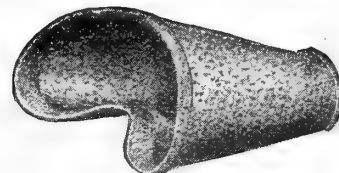
Mailing weight, 2 lbs. per doz.

TRIGGER PUNCH



A very handy toe punch for marking chicks, especially convenient where large numbers are to be marked at one time, as it hangs from the trigger finger and the same hand can be used to help catch the chicks without putting down the punch each time a chick is marked. Price 50c each postpaid.

EGG TESTER



An egg tester is a handy article to have. By its use the progress of the hatching chicks can be observed, and eggs that are infertile may be removed from the machine.

Our Buckeye Egg Tester is a simple device that anyone can use and being made of heavy steel, it cannot wear out or get out of order. Price, 50c each. Mailing weight, 1 lb.

Egg Testers—All Tin, 35c each.

Mailing weight, 1 lb.

All prices F. O. B. Baltimore. Parcel Post Table inside front cover

MASTER BREEDER CHICK BOX



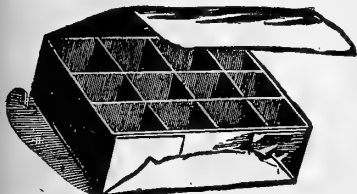
It is important to have baby chicks arrive in a healthy condition. Baby chicks cannot be safely nor humanely shipped when jammed in "like sardines," nor, on the other hand, can they be allowed too much space.

The "Master" package is designed for comfort and safety of contents. It is protective, roomy, handsome, a safe, suitable "Pullman Car" for the fluffy youngsters within.

Anderson "Master" breeder Chick boxes are made correct to the sizes and specifications which have been approved by the International Baby Chick Association.

Size	Each	Doz.	Weight Doz.
25 Chicks, 11 x 9 x 5 1/2	20c	\$1.60	12 lbs.
50 Chicks, 18 x 11 x 5 1/2	25c	2.25	16 lbs.
100 Chicks, 22 x 18 x 5 1/2	30c	3.00	30 lbs.

SQUARE DEAL EGG BOXES



This is an ideal Box for handling retail egg trade, presenting the goods to the customer in an attractive package with the minimum amount of trouble to the seller.

One dozen size 20c per dozen. \$1.35 per 100. \$2.75 per package of 250. \$10.00 per 1000.

Mailing weight, 2 lbs. per doz. 12 lbs. per 100.

SQUARE DEAL EGG CARRIER



With patent fastener, cover lift and bale

12 Doz. Size 90c each

6 Doz. Size 75c each

Mailing weight, 12 Doz. Size, 7 lbs.
Mailing weight, 6 Doz. Size, 5 lbs.

Let's get down to brass tacks

on this Important subject of feeding dogs



Champion Dog Biscuit

This is the large whole biscuit for the mature dog.

2 lb. package	\$.40
4 lb. package .....	.70
25 lb. bag	3.00
50 lb. bag	5.00
100 lbs. in bag	9.75



Champion Puppy Biscuit

This is the small, thin biscuit made especially for the small dog and the growing pup.

1½ lb. package	\$.30
25 lb. bag	3.00
50 lb. bag	5.00
100 lbs. in bags	9.75



Champion Kibbled Dog Food

This is exactly the same as the whole biscuits excepting that it is broken into small pieces for convenience in feeding.

5 lb. bag	\$.75
25 lb. bag	3.00
50 lb. bag	5.00
100 lbs. in bags	9.75



Champion Puppy Meal

This food is similar to "Kibbled" but it is ground finer for the pup just weaned and up to three or four months of age.

1½ lb. package	\$.30
25 lb. bag	3.00
50 lb. bag	5.00
100 lbs. in bags	9.75



Let us send you a free copy of the Champion booklet on "The Proper Care and Feeding of Dogs."

Analysis

Water	8.20
Total Protein	22.90
Animal Protein	11.30

Fat	5.50
Nitrogen Free Extract	57.55
Fibre	1.60

Ash	4.25
Calcium	0.51
Phosphorus	0.38

COD LIVER OIL

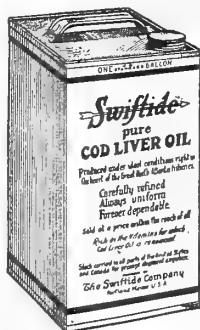
Wonderful for Poultry and Animals. Science recommends it—Experiments prove it—Thousands are using it. Ask us for particulars. We sell

Swiftide pure COD LIVER OIL

Produced under ideal conditions in the heart of the great North Atlantic Fisheries. A beautiful, light, golden oil very rich in Vitamines A and D. In one gallon cans nicely labeled with full directions on the label.

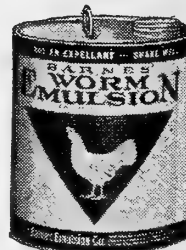
We have this oil in one gallon cans only. Price per gallon

\$2.25
F. O. B. Baltimore, Md.



BARNES WORM EMULSION

Barnes Worm Emulsion is a vitamin-containing, health and vitality building food that controls worm infestation, not by expelling, but by digestion and assimilation. Baby chicks thrive on it.



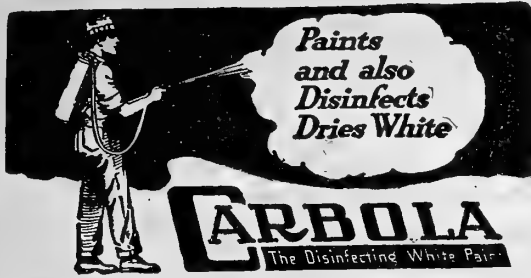
For nine years it has been doing all we claim it will do, and is fully guaranteed. A test will prove its merit. No poisons. No acids. No contaminated premises from expelled larvae.

WRITE FOR BOOKLET

Prices

1 Pint	\$.60
1 Quart	1.00
1 Gallon	3.00
5 Gallon	12.50

All prices F. O. B. Baltimore. Parcel Post Table inside front cover



INCREASES MILK PRODUCTION AND LOWERS BACTERIA

Cows housed under dirty and unsanitary conditions are always subject to lice, germs and disease. Their vitality is decreased, they eat less and give less milk. Leading dairymen have found it pays to paint their premises with Carbola. It is 100% stronger than the Government requirement and its use insures protection against tuberculosis, foot-and-mouth disease and where it is used there are no lice, mites or disease germs. A years supply of Carbola pays for itself and adds to the yearly income.

PRODUCES MORE EGGS AND HEALTHIER BIRDS

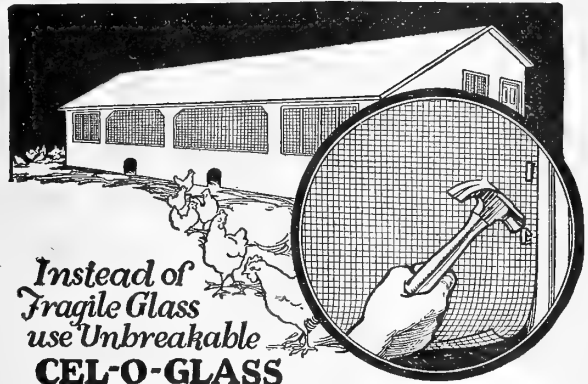
Apply Carbola to the walls and ceilings of your poultry house. Brush or spray it on the surfaces where lice and mites breed, once or twice a year and you will not be troubled with lice or sickness in your flock. It should be used always before the chickens are hatched.

USE CARBOLA IN—

Poultry Houses, Dairy Barns, Vegetable and Flower Gardens, Hog Pens, Sheep Sheds, Stables, Cellars, Garages and Factories.

5 lbs. 75c 10 lbs. \$1.25
50 lbs. \$5.00
Prices F. O. B. Baltimore

CEL-O-GLASS



No more broken windows in your poultry house if you use Cel-O-Glass. This material is far better than glass because it is very light in weight, weatherproof and cold proof. It is cheaper than glass and practically unbreakable. It is highly satisfactory for brooder houses and scratch pens.

All you have to do is to cut the desired length and tack it in place with carpet tacks.

It is ideal for coldfrante and hotbed sash work. Sash made with Cel-O-Glass weighs only 10 pounds. Use it for your greenhouses, barn and garage windows and for storm doors on your porch. Price in rolls 100 feet long and 3 feet wide, 16c per square foot.

Prices F. O. B. Baltimore

Keipper Sliding Top Door Shipping Coop

In designing the Keipper Shipping Coop we are giving you the benefit of our unlimited experience at poultry shows. We are glad to have produced a shipping coop to overcome this annoyance and have set a price so the coops can be used universally for every sort of poultry shipping. These shipping coops are made from very light cedar wood, which combines strength, durability and light weight. They are made with a sliding door top, which locks automatically and eliminates the bother of nailing the top every time the birds are removed. The saving in express charges on the reduced weight of these coops will pay for the coops in a short time.

Prices F. O. B. Baltimore Each ½ Doz. 1 Doz.

No. 18—Size 12 x 18 x 21 inches high.....	\$.80	\$3.84	\$6.72
No. 19—Size 12 x 21 x 21 inches high.....	1.00	4.80	8.40
No. 20—Size 20 x 24 x 21 inches high.....	1.55	7.44	13.02

Pigeon Wire

Galvanized after weaving. One-inch mesh.

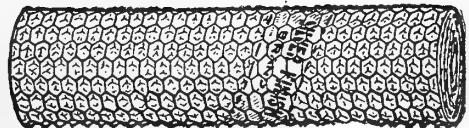
	Per Roll
12 inch, 150 square feet.....	\$3.00
18 inch, 225 square feet.....	4.30
24 inch, 300 square feet.....	5.50
36 inch, 450 square feet.....	7.50
48 inch, 600 square feet.....	10.00
60 inch, 750 square feet.....	12.50

Hardware Cloth

For lining corn cribs, to circle around brooders for newly hatched chicks. Put up in rolls of 100 feet.

	Per Roll
12 inch, 100 square feet, .06 per sq. ft. cut.....	\$5.70
18 inch, 150 square feet, .06 per sq. ft. cut.....	8.55
24 inch, 200 square feet, .05½ per sq. ft. cut.....	10.70
30 inch, 250 square feet, .05½ per sq. ft. cut.....	13.35
36 inch, 300 square feet, .05½ per sq. ft. cut.....	16.00
48 inch, 400 square feet, .05½ per sq. ft. cut.....	21.35

All Prices F. O. B. Baltimore



Silver Finish Poultry

Galvanized after weaving. Worth 50 per cent more to the customer than galvanized before weaving.

Hard steel wire. Put up in rolls of 150 feet. Galvanized after weaving. Two-inch mesh.

	Per Roll
12 inch, 150 square feet.....	\$1.30
24 inch, 300 square feet.....	2.35
36 inch, 450 square feet.....	3.20
48 inch, 600 square feet.....	4.30
60 inch, 750 square feet.....	5.35
72 inch, 900 square feet.....	6.40

PRACTICAL POULTRY BOOKS

Postage Paid to Second Zone on All Books

Standard of Perfection.....	\$2.50	Poultry Houses and Fixtures.....	\$2.00
High Egg Production.....	2.00	Poultry for Exhibition.....	2.00
Breed Books for any breed.....	1.00	Successful Backyard Poultry Keeping.....	1.00
The Mating and Breeding of Poultry.....	2.00	Plymouth Rock Breed Standard.....	3.00
Practical Poultry Production.....	2.50	Profitable Culling and Selective Flock Breeding.....	1.50

HATCHING EGGS FROM VITAL HATCH STOCK

	15	50	100
Barred Rocks	\$2.50	\$5.00	\$9.50
White Rocks	2.50	5.00	9.50
S. C. R. I. Reds	2.50	5.00	9.50
White Wyandottes	2.50	5.00	9.50
S. C. White Leghorns	2.25	4.75	9.00

Postpaid

VITAL HATCH BREEDING COCKERELS

Barred Rocks	\$5.00 and up
White Rocks	6.00 " "
S. C. R. I. Reds.....	5.00 " "
White Wyandottes	5.00 " "
White Leghorns	4.00 " "

Shipping Boxes 80c. Extra

Expressage Extra

A Word About Our Stock

Realizing the ever increasing demand for pure bred poultry and hatching eggs, we are offering this year to those of our customers, who desire to improve their flocks, a high class lot of Breeding Males or hatching eggs.

This particular stock is secured from our Master Breeding Pens and these pens contain only birds of high quality, and individual merit.

Our Breeding flocks are kept on unrestricted farm range, are never under light, and are culled and reculled several times a year, keeping only such birds showing a maximum amount of stamina and vigor. If your flock needs an infusion of new blood to increase egg production or standard qualities, we feel sure that we can help you.

APACO POULTRY FEEDER



is built on the same lines as our well-known and justly famous Norwich Automatic Exerciser and Feeder, but is a hanging machine rather than arranged with adjustable standard.

Constructed of 28 gauge Galvanized, Tight Coated Sheet- ing, malleable and gray iron castings for the Valves, Agi- tators, Collars, etc., and the workman- ship of the highest possible character,

we unhesitatingly guarantee our Apaco Feeder as the best machine ever placed on the market at its price, and offer the same guarantee that covers all our goods.

Made in one size only, 9 quarts capa- city, \$2.00. Shipping weight, 5 lbs.

WIRE NESTS



These nests are strongly made of cop- per wire and strongly braced and will not get out of shape like other nests on the market. Price 25c. each. \$2.50 per doz. Mailing weight, 1 lb. each.

Turkey Supplies

SPRATTS TURKEY FOOD

Fine for chicks or poults, coarse for old birds. Is an absolute necessity for the successful rearing of turkeys. It prevents disease and rears strong, vigorous birds. Price, Cartons, 40c.

AMERICAN TURKEY POWDER

One of the best Turkey Powders on the market. Guaranteed to give satisfaction or money refunded. If you raise turkeys and are troubled with sickness or disease try a package of the powder in your feed, also in the water, and you will see what a difference and how soon your birds will be back in condition again. Will prevent Black Head, a disease dreaded by turkey raisers. Price, per package, 35c.; by mail 10c. extra.

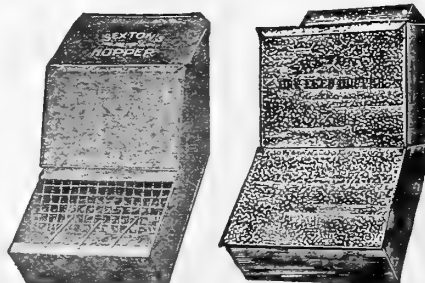
Roofing

Smooth Surface, Standard Grade, 108 square feet per roll.

Nails and Cement included.

Light	Battle Ax Brand.....	\$1.40 per roll
Medium	Apex Brand	2.10 per roll
Heavy	Apex Brand	2.55 per roll

Sexton Dry Feed Hopper



Open

Closed

No waste, no dirt and Rat Proof. Food is always before fowls.

	Each	Mailing Weight
½ Bushel Size.....	\$1.25	7 lbs.
1 Bushel Size.....	2.25	12 lbs.

All prices F. O. B. Baltimore except as otherwise noted. Parcel Post Table inside front cover

SPECIALTY PAGE

Offering the Most Modern and Approved Poultry Appliances



Science Gives Poultrymen a New and Easier Way to Money-making Success

COLIVEROL Cod Liver Oil in Powder
(So easy to mix with feed)

For poultry and live stock of all kinds. Pullets lay earlier. Hens lay oftener. Hastens growth for market. Fed to chicks it saves the whole hatch.

Dealers write for literature and attractive proposition. Coliverol sells on sight.



Prices

5 pounds	\$1.00
10 pounds	1.75
25 pounds	4.25
50 pounds	8.40
100 pounds	16.50

Oakes Adjustable Roof Saddle

For Coal-Burning Brooder Stoves

(Patent Applied For)



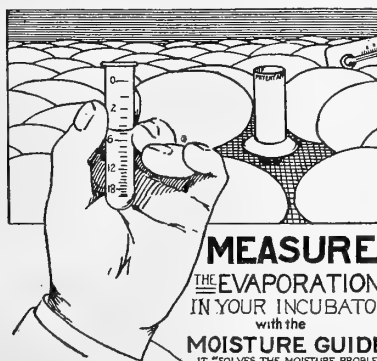
With this new Oakes product you can set up any standard make of brooder stove in any ordinary building without the trouble and expense of constructing a special chimney. Simple, durable, easy to attach, a positive protection against overheated smoke pipe. The Oakes Adjustable Roof Saddle makes a perfectly water-tight and fireproof job where pipe goes through the roof, regardless of style of roof or kind of roofing material. Adjustable to pitch of roof, from steepest to flattest; rustproof—made from No.

28 galvanized iron; rainproof—water can't run down pipe on brooder stove.

Easily Installed!

It is easy to fasten ventilator cap and adjustable hood in exact position desired, without having to drive nails or hunt up wire to hold the stack secure against wind, rain, etc. This outfit will help any make of coal-burning brooder stove do its best work. You can raise your chicks easier and better! It works perfectly and looks neat on any building. The complete outfit consists of one 4½-inch galvanized roof stack, 24 inches long; one rain cap for top of stack; one roof saddle—adjustable to any pitch and easily locked in correct position. Each outfit is packed in a corrugated fiber carton complete; shipping weight, about 15 pounds.

No. D-142, price.....\$1.95



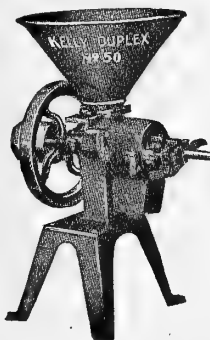
Fasten holder in egg tray. Fill guide to top line with water. One space each day by the scale is proper evaporation. If evaporation is too fast, add moisture. If evaporation is too slow, give more air.

The Patterson and Young Incubator Moisture Guide

A scientific, practical and reliable instrument for recording evaporation in any incubator. Tells when to add moisture or give more ventilation. It shows the accumulated evaporation in the machine and is the most reliable indicator that can be used. Attachments are included for all turning trays and the Moisture Guide works in any incubator. Complete directions and valuable information on incubation with each Moisture Guide.

Price, complete, \$1.00 each.

Kelly-Duplex No. 50 Mill

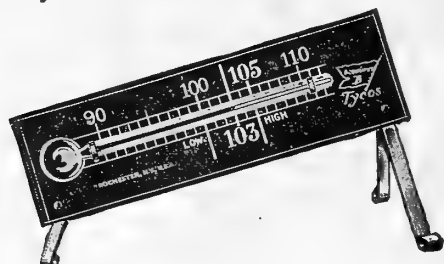


This mill is designed to meet a rapidly increasing demand for a reliable and practical small mill suitable for light power gas engines or motors 1 to 3 H. P.

The Mill has Duplex Grinding burrs. Perfect Regulating Device, Feed Slide and Quick Release. Lever same as the larger mills.

Grinds small grain only or shelled corn but is simply a wonder for a mill of this size. Will it grind oats? Yes.

Price, crated\$9.00

Tycos Thermometer With Stand

The tube and scale may be made to assume any desired position by manipulation of the flexible brass legs, which stand among the eggs. **Price, 75c. each, Postpaid**

Peerless Fountain and Heater

The Peerless Combination Fountain and Heater is very popular for winter use. It requires a very small quantity of oil to keep the drinking water warm at all times. It is made in two sizes:

5-qt. size fountain, weight 3 lbs.....	\$.85
10-qt. size fountain, weight 4 lbs.....	1.15
Peerless Heater, fits either size, weight 3 lbs.	1.70

CAPONIZING SETS

What are Capons?—A capon is a male bird (cockereel or rooster) from which the testicles have been removed. As in other animals—bull, horse, boar, etc.—this operation changes his nature entirely. He has only one function in life—to get fat. He makes quick meat, tender meat, and much of it, and best of all, he makes the highest-priced meat in the market. Properly killed and dressed, he attracts the attention of the best buyers—people to whom money is no object if they can get what they want.

Best Time to Caponize—Fowl hatched any time of the year make fine capons; no ill-results follow the operation at any time in the year. The bird should be from two to three months old (not over six months), and weigh not less than a pound and a half. The size is equally as important as the age. April, May, June, July, August, September and October are the months generally taken for caponizing, for the reason that spring chickens arrive at proper age and weight during these months; also because cockereels caponized then arrive at the proper age and weight for market during the months of November, December, January, February, March, April and May, at which time there is the greatest demand for them in the cities and highest prices secured.

**Philadelphia**

Complete with instructions, in Velvet-lined Case, as per engraving (Postpaid). **\$2.75, \$3.00, \$3.50, \$4.00 and \$5.00.**

Leg Bands for Poultry and Pigeons

Size used for different breeds. (Order by number.)

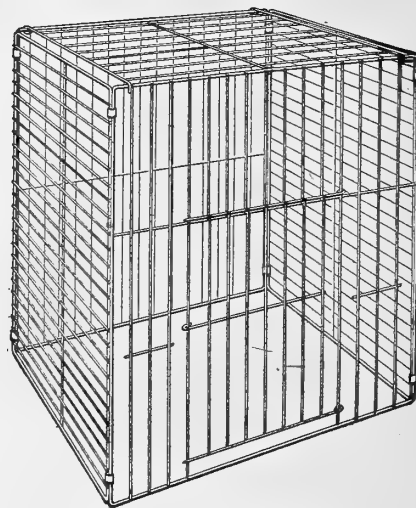
No. 7 for Bantams and small Mediterranean females, etc. No. 9 for Ordinary Mediterranean and Pit Game females, etc. No. 11 for Mediterranean males, American females, Pit Game males and French females. No. 12 for medium Asiatic females, Turkey hens, etc. No. 14 for ordinary large Asiatic and Tom Turks, etc. No. 5 Pigeons. No. 4 Baby chicks.

"Spir-ol Leg Bands." Made of celluloid in ten colors. Goes on and off like key ring. Five sizes—Baby Chicks or Pigeons. Price, doz., 10c.; 25, 20c.; 50, 35c.; 100 for 50c. Mediterranean, American and Asiatic Classes. Price, doz., 15.; 25, 30c.; 50, 50c.; 100 for 75c.; 1000 for \$6.50.

Champion Adjustable

Champion Adjustable. 12 for 15c. 25 for 25c. 50 for 45c. 100 for 75c.

All Poultry and Pigeon Bands Postpaid

**Wire Exhibition Coops or Training Coops
Two Sizes**

Made in single compartment, consequently easy to handle and to store away.

On the front and back sections the wires run vertically, and on the side sections horizontally.

The wires on the side sections are spaced to make a narrow mesh, and are so arranged that when the coops are set side by side the wires on the adjoining partitions alternate, making a mesh of one-fourth inch, thus rendering it impossible for the birds to peck or fight each other between the coops.

The use of this design for cooping shows is very effective, as it permits a splendid view of the entire show from any part of the room.

Standard, 24 x 24 x 27 inches high. Price, **\$2.00.** Wood bottom, 60c.

Poultry Pen Coop

The construction of the Pen Coops is like the single coops heretofore described.

Has two doors, making it especially convenient to secure the birds inside, and which also retains the coop uniformity of the show room.

It can be used as a two-compartment coop by inserting our removable partition. These partitions can be put in or taken out at will.

Made in one size: 48 x 24 x 27 inches high. Price.....	\$3.25
Wood bottom	1.00
Partition .....	.50
Coop Front .....	.60



Oakes Lamp-Heated Sectional Sprouter

This sprouter is made of No. 26 galvanized steel. The walls are insulated rubberoid. The grain trays are 18 inches square with perforated bottom, permitting the moisture to pass through the grain easily, and giving free passage of air to prevent moulding of grain. Perforated top allows warm air to pass out without difficulty.

The base of the sprouter contains two grain trays and a moisture pan, and each section contains two grain trays. The top is removable, making daily application of moisture simple and easy. Glass doors admit plenty of light to stimulate the growth of the grain.

No. E-65—Price of upper section only. **\$7.50**

No. E-66—Price of base only. **10.00**

No. E-67—Price of outfit complete. **17.50**



Many biological laboratories and agricultural experiment stations have found this equipment useful for testing and growing seeds.

Collins Sectional Fireless Oat Sprouter



Made in three sizes at the following popular prices:

Five pans, 11 x 15. **\$3.00**

Eight pans, 11 x 15. **4.00**

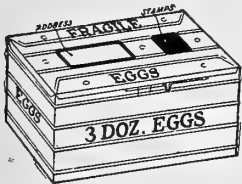
Eight pans, 11 x 32. **8.00**

Shipping weight, 10 lbs., 14 lbs.

ALUMINIZED METAL EGG CRATES

(For Parcel Post)

This is the New Model with the metal edged filler and it is a wonder. Solves every problem of shipping eggs and butter and other soft products by mail. Built for continued use; practically indestructible; lasts for years. No wrapping is required. A permanent lock pin that does not lose, holds the lid rigidly closed.

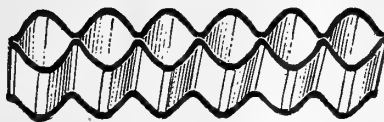
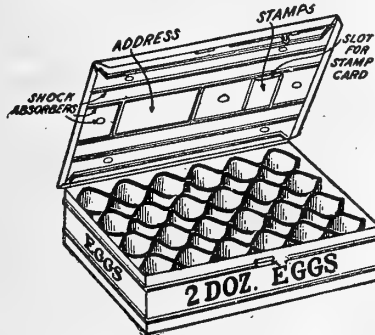


Reversible Address Cards

Reversible address cards are placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

Metal Edge Filler

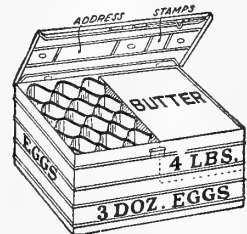
This is a wonder—so strongly made that it will not require replacements. Every user praises the New Model, with the Metal Edge Filler. Nothing better can be made to stand the jar and shocks of transit.



Metal Edge Filler

PRICES AND SIZES

Butter only		Postpaid	
No. 4.	6 lbs. (3 2-lb. cont.)	\$2.25	\$2.32
No. 5.	12 lbs. (3 4-lb. cont.)	2.50	2.58
No. 6.	16 lbs. (2 8-lb. cont.)	2.50	2.58
No. 7.	24 lbs. (2 12-lb. cont.)	3.50	3.60



Combination Crates

Any size Combination Crate desired can be supplied to carry eggs, with metal containers to hold butter, lard, sausage, honey, cut-up chicken, country sliced ham, etc. Any of these Combination Crates will be found surprisingly satisfactory. Butter, lard, and other soft products will not melt or run in warmest weather.

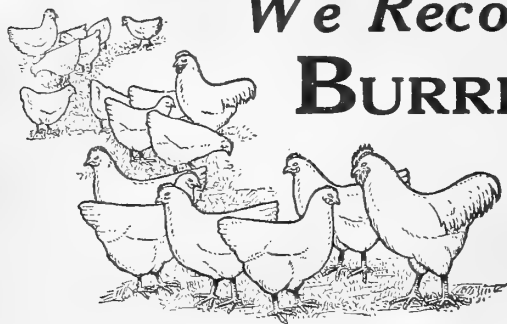
Eggs and Butter		Postpaid	
No. 1—2 lbs. & 1 doz. eggs		\$1.50	\$1.57
No. 2—4 lbs. & 2 doz. eggs		2.00	2.08
No. 3—4 lbs. & 3 doz. eggs		2.25	2.34

MAILING RATES

	Weight Empty	Postage			Weight Empty	Postage	
		Empty	Filled			Empty	Filled
2-doz. size	3 lbs.	\$0.07	\$0.10	Comb. No. 1	3 lbs.	\$0.07	\$0.10
3-doz. size	4 lbs.	.08	.12	Comb. No. 2	4 lbs.	.08	.15
4-doz. size	5 lbs.	.09	.15	Comb. No. 3	5 lbs.	.09	.18
6-doz. size	6 lbs.	.10	.19				

The above postage rates apply to the second zone or 150 miles.

Prices F. O. B. Baltimore, unless otherwise specified



We Recommend BURRELL-DUGGER REMEDIES

Every remedy sold under a positive
guarantee of Money Back if Not Satisfied

Now Used and Endorsed by Leading
Poultrymen from Coast to Coast

For Chicken Lice!

U. S. Government recommends new
chemical. Destroys even young
lice as they hatch.

Poultry raisers need guess no longer as to the best method of getting rid of poultry lice. After many tests, the U. S. Department of Agriculture has found Sodium Fluoride superior to any other preparation for this purpose. They say it kills both old and young lice, including unhatched lice present at the time of treatment. Talcum Sodium Fluoride (called "T. S. F.") is made especially for poultry use. It is less irritating than straight Sodium Fluoride, penetrates the plumage more thoroughly, and comes packed in a moisture-proof, shaker-top package bearing the U. S. Government's directions for using. It is convenient—never cakes or loses strength—and always does the work. Full directions are on every can of T. S. F. for use in the three ways, either by dip, dusting or pinch methods. Prices—Small Size (for 50 chickens), 40c; Large Size (twice the 40c size), 70c; Special Size (5 times 70c size), \$2.65. The above prices include packing and postage.



"I Need T. S. F."

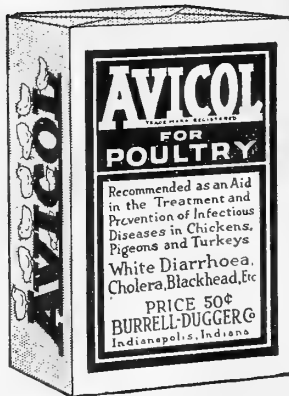


For WHITE DIARRHEA
in Chicks and Black
Head in Turkeys

Avicol does the work in 48 hours. Almost from the very moment you drop the first Avicol tablet in the drinking water, the sick chicks start to get well. Usually, in a short time, the very one that seemed too weak and sick to live another day, are running around as lively as crickets, full of pep, hungry, healthy, scratching and pushing for a place at the feeding trough. After a few days of Avicol treatment, it will be hard for you to tell just which chicks had been sick and dying. They will all be so lively and active, the very picture of health.

Use AVICOL for Prevention and Treatment

Don't sit back and say your loss of baby chicks can't be stopped. It CAN BE STOPPED—easily, quickly, and at almost no expense. All you need do is drop an Avicol tablet in the water occasionally. Avicol is a special bowel antiseptic. It stops disease and prevents its spread by destroying germ life and helping the chick withstand infection. Price, 50c; Special Large Size (almost 3 times 50c size), \$1.



DON SUNG Chinese for Egg-Laying

Makes Hens Lay in
any Weather

"Hens won't lay in Fall and Winter," used to be accepted as a fact. But any one who has tried Don Sung knows that hens will lay right through the zero spells of winter, and all other cold or wet seasons. Don Sung is not an ordinary stock or poultry powder. It is a concentrated medicine—no needless bulk or filler—ready to add to your mash feed. It has a direct tonic action on the egg-laying organs and doesn't force or hurt the hen in any way. It produces more eggs by first putting the hen in good health, and then helping to maintain that health. Costs nothing to try.

Every poultry raiser is invited to try Don Sung—at our risk. Separate 15 hens and give them Don Sung for one month. Then watch results. If Don Sung pays you, keep on with it. If you don't think it has paid you, tell us and back comes your money. No argument to it. Don Sung is guaranteed—try it, at our risk.

Prices of Don Sung Tablets: Small size, 50c; Large Size (3 times the 50c size), \$1; Special Size (6 times the \$1 size), \$5. We can also supply POWDERED Don Sung (for large flocks) at these prices: 3 lbs. (same quantity as \$5 package of tablets), \$5; 10 lbs., \$10; 25 lbs., \$20; 50 lbs., \$35; 100 lbs., \$65.



Roup-Over

"The Over-Night Roup Remedy"
For ROUP, CANKER and COLDS

Use Roup-Over at the very first symptom of Roup or Colds in your flock. It clears the air passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking water for flock prevention. Leading poultry raisers everywhere now use Roup-Over, the over-night roup remedy. It's so easy! So sure! There's no other remedy like it—nothing "just as good." Have a bottle ready to use when you need it. Price, 50c; Large Size (3 times 50c size), \$1.



We can promptly ship you any of these guaranteed remedies, in any size. Write us today!

Keep Your Dogs in Good Health with Proper Food

MILLER'S A-1 PRODUCTS

"Battle Creek Health Food for Dogs"



Miller's A-1 Ration

A granular meat cereal food that is thoroughly cooked and ready to use. It can be fed to puppies as well as grown dogs.

5 Lb. Carton	.....	\$ .60
25 Lb. Burlap Sack	.....	2.00
50 Lb. Burlap Sack	.....	3.50
100 Lb. Burlap Sack	.....	7.00
500 Lb. Burlap Sack	.....	33.75
1000 Lb. Burlap Sack	.....	65.00

Miller's A-1 Kibbled Biscuit

It is just the same as biscuit only in broken form which makes it more convenient for mixing with meat, soups, broths, gravy, etc.

2 Lb. Carton	.....	\$ .40
5 Lb. Sack	.....	.85
25 Lb. Burlap Sack	.....	3.00
50 Lb. Burlap Sack	.....	5.00
100 Lb. Burlap Sack	.....	9.00
500 Lb. Burlap Sack	.....	43.75

Miller's A-1 Biscuit

A wholesome biscuit made of cereals, beef, bone, Cod Liver Oil in correct proportions, fine for the development of teeth and gums.

2 Lb. Carton	.....	\$ .35
25 Lb. Burlap Sack	.....	2.75
50 Lb. Burlap Sack	.....	4.50
100 Lb. Burlap Sack	.....	8.50
500 Lb. Burlap Sack	.....	41.25

Miller's A-1 Puppy Meal

It is especially adapted for the tender digestive organs of young puppies as soon as they are old enough to eat solids.

2 Lb. Carton	.....	\$ .40
5 Lb. Sack	.....	.85
25 Lb. Burlap Sack	.....	3.00
50 Lb. Burlap Sack	.....	5.00
100 Lb. Burlap Sack	.....	9.00
500 Lb. Burlap Sack	.....	43.75

Prices are F. O. B. our station, include postage if you wish parcel post shipment

DOG REMEDIES AND SUPPLIES

Prices quoted are not prepaid. Add 5c for postage.

Cartwright's Black Tongue Remedy. Per box	.....	\$1.00
Cartwright's Dog Mange Remedy. Per box	.....	.50
Climax Mange Shampoo. Per bottle	.....	.60
All Right Mange Remedy. Per box	.....	.75

The above remedies are manufactured by ourselves and are guaranteed.

SERGEANT'S DOG REMEDIES

"ALL WELL KNOWN AND STANDARD"

Sergeant's Distemper Medicine	.....	Price... \$1.20
Sergeant's Mange Medicine	.....	Price... .65
Sergeant's Condition Pills	.....	Price... .60
Sergeant's Sure Shot Capsules	.....	Price... .60
Sergeant's Sure Shot Liquid	.....	Price... .60
Sergeant's Tape Worm Medicine	.....	Price... .60
Sergeant's Arsenic and Iron Pills	.....	Price... .60
Sergeant's Canker Wash	.....	Price... .60
Sergeant's Well Mouth	.....	Price... .60
Sergeant's Pepsin Tablets	.....	Price... .60
Sergeant's Diarrhoea Medicine	.....	Price... .60
Sergeant's Cough Medicine	.....	Price... .60
Sergeant's Rheumatic Pills	.....	Price... .60
Sergeant's Dog Rub	.....	Price... .60
Sergeant's Eye Wash	.....	Price... .60
Sergeant's Constipation Capsules	.....	Price... .60
Sergeant's Running Fit Medicine	.....	Price... 2.00
Sergeant's Carbolic Tar Soap	.....	Price... .25
Sergeant's Skip-Flea Soap	.....	Price... .25
Sergeant's Skip-Flea Powder	.....	Price... .25

Get Polk Miller's Book on Dog Diseases. Free.

DOG SUPPLIES

Dog Collars, price	.....	25c to \$2.50
Dog Leads, price	.....	35c to \$1.50
Dog Chains, price	.....	50c to \$1.00
Dog Muzzles, price	.....	\$1.25 to \$2.00

BIRDS AND SUPPLIES

CANARY BIRDS—We carry in stock Hartz Mountains and St. Andrewsburg Rollers.

Price, male, guaranteed singers..... Write for Prices

Price, females..... Write for Prices

LOVE BIRDS (or Parakeets)—Green and yellow shell. Price, per pair..... Write for Prices

PARROTS—Panama yellow and red head..... Write for Prices

BIRD CAGES

Price, enameled	.....	\$2.00 to \$3.00
Price, brass	.....	3.00 to 6.50
Price, Imported	.....	2.50 to 25.00

PARROT CAGES—Price..... 6.00 to 20.00

CAGE HOOKS, or BRACKETS—Price..... 15c to 50c

OPAL SHELL CUPS—Price..... 15c to 25c

BIRD CAGE SPRINGS, single and double. Price..... 15c to 30c

All Prices F. O. B. Baltimore or Augusta. Postage must be included with order.

REMEDIES AND FEEDS

Bird Manna, price packet	.....	15c
Bird Bitters, price bottle	.....	25c
Song Restorer, bottle	.....	25c
Plumage Restorer, bottle	.....	25c
Bird Eye Water, price bottle	.....	25c
Mite Exterminator, price box	.....	25c
Moulting Pepper, box	.....	25c
Nesting Food, price box	.....	25c
Nesting Hair, price box	.....	10c
McAllister's Mocking Bird Food, price bottle	.....	25c
Parrot Food, price box	.....	15c
Silver Gravel, price box	.....	15c
Bird Seed, price box	.....	20c
Cuttle Fish Bone, price	.....	05c

Write for prices on bird seed, bulk in quantity, sunflower seed, Sicily Canary, Rape, etc.

GOLD FISH AND SUPPLIES

GOLD FISH—Fine healthy specimens, American Fantails, Comets, etc., Price, Write for Prices.

FISH GLOBES AND AQUARIUMS—Prices, 25c to \$3.00.

FISH FOOD—Natural, price, packet, 15c.

Wafer, price packet, 10c.

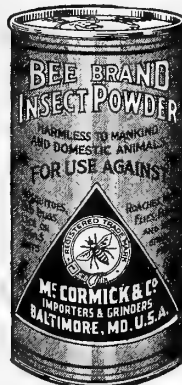
SEA SHELLS—Price, box, 10c.

SQUARE DEAL POULTRY DISINFECTANT AND LICE KILLER

Especially Recommended for Use in Kennels

An efficient Creosote Disinfectant and stock Dip for Horses, Cattle, Sheep, Hogs, Dogs, Poultry and Household use. Kills Lice, Mites, Fleas and Sheep ticks; a powerful Germicide and wash for Galls, Cuts, Most Sores and Flesh Wounds.

Prices: 1 quart can, 50c; 1/2 gal., 95c; 1 gal., \$1.50.



homes free from insects

A safe insecticide. Non-poisonous, non-explosive. Never stains—nor injures plants and animals. Kills flies, fleas, mosquitoes, ants, roaches, bed bugs, water bugs, moths, lice on fowl and plants, etc.

**BEE BRAND
INSECT
POWDER**

10c
25c
50c
\$1.00

—"it kills them"

ANIMAL and POULTRY REGULATORS and REMEDIES

Satisfaction Guaranteed or Money Back

Parcel Post Table, See Inside Front Cover

Postage Extra and must be Included when Remitting

Healthy stock and lots of eggs, the two big things in poultry raising, are made certain by giving,

PRATT'S POULTRY REGULATOR



Packages, 25., 50c.
12 lb. pail, \$1.65.
25 lb. pail, \$3.00.

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons.

PRATT'S WHITE DIARRHOEA REMEDY



To protect your chicks from white diarrhoea, the most destructive of all chick diseases, it is only necessary to give Pratt's White Diarrhoea Remedy in the drinking water from the first drink. This remedy has saved many dollars' worth of chicks for poultry raisers. You can depend on it. 25c. and 50c.

PRATT'S ROUP REMEDY



Don't let ROUP cut your profits. The sure and easy "ounce of prevention" against this dangerous contagious disease is

Pratt's Roup Remedy
Tablets or Powder,
25c., 50c.

Quickly absorbed by the blood, purifies the system, reduces fever, allays inflammation. The safe remedy for roup, colds, catarrh and all bad weather diseases.



A Guaranteed
Pratt Remedy
For Practi-
cally Every
Stock and
Poultry Ail-
ment.

PRATT'S POWDERED LICE KILLER

Get rid of lice on your poultry, in nests, dust-baths, incubators and elsewhere in a day's time by using

**Pratt's Powdered
Lice Killer**



Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer. Will kill lice on horses, cattle, dogs, cats and plants. Price, 12c., 25c. and 50c.

PRATT'S CONDITION TABLETS



A "bracer" for over-worked, rundown poultry. Keeps show birds in the pink of condition; puts flesh on thin birds; prevents colds, roup and liver troubles. We guarantee this remedy to satisfy you or refund purchase price. 25c. and 50c. a box.

HORSE AND CATTLE REMEDIES

Pratt's Conditioner, 60c. 12 lb. bags, \$1.00. 25 lb. bags, \$1.90.

Pratt's Distemper and Pink Eye, 70c.

Pratt's Healing Ointment, 30c. and 60c.

Pratt's Healing Powder, 30c.

Pratt's Worm Powder, 50c.

Pratt's Liniment, 35c. and 70c.

Pratt's Heave, Cold and Cough Cure, 50c.

Pratt's Liquid Lice, 1 qt. 50c., 2 qts. 85c., 4 qts. \$1.35.

Pratt's Bronchitis Remedy, 25c. and 50c.

Pratt's Scaly Leg Remedy, 30c. and 60c.

Pratt's Germothol Bottles, 30c. and 60c.

PRATT'S GAPE REMEDY

An unfailing guaranteed remedy for Gapes. If used in the drinking water from the start until the chicks are four weeks old, gapes will be practically unknown.

Prices, 25c and 50c.



PRATT'S POULTRY DISINFEC- TANT



Gives comfort and health by destroying lice, mites and other vermin, and the germs of roup, colds and other diseases by freely and regularly using

Pratt's Poultry Disinfectant

Three times as powerful as carbolic acid. Doesn't burn or irritate; safe to handle; lowest in price.

Besides its use in the poultry yard, it is an admirable household antiseptic and deodorant.

1 qt., 55c. 2 qts., 90c. 1 gal., \$1.50.

PRATT'S ANIMAL REGULATOR

More work out of your horses. More milk from your cows, fatter hogs—these are a few of the benefits which come from using



Pratt's Animal Regulator

Always sold on a guarantee that it will satisfy you or money back.

12 lb. pails, \$2.15. 25 lb. pails, \$3.40, are popular with our customers. Packages at 25c., 50c. and \$1.00. 50 lb. drums, \$5.85. 100 lb. drums, \$11.40.

Prices F. O. B. Baltimore, unless otherwise specified

Parcel Post Table, See Inside Front Cover

Have a Conkey Corner in Your Poultry House

You get profit from your poultry only when your birds are in good productive health—when you keep disease out of your flock. We sell CONKEY'S POULTRY AND STOCK REMEDIES because we know they are absolutely reliable and we back every Conkey Package with our guarantee, "Your money back if you are not satisfied."



Conkey's Roup Remedy. World famous for Roup. 30c., 60c., \$1.20. Postpaid. 5-lb. cans \$5.75. Postage extra.

Conkey's Canker Special. A very efficient remedy. 50c. Postpaid.

Conkey's Cholera Remedy. 25c and 50c., postpaid.

Conkey's Sorehead (Chicken-pox). An excellent treatment. Postpaid, 30c. and 55c.

Conkey's Bronchitis Remedy. Postpaid, 50c.

Conkey's Poultry Tonic. Good for all your birds. Packages, 25c., 50c. Pails, 12 lbs., \$1.60, 25 lbs., \$3.00. Express not paid or postage extra.

Conkey's Lice Powder. Packages, 5 oz., 20c.; 15 oz., 35c.; 48 oz., 50c. Postage extra.

Conkey's Lice Liquid. Quart, 60c. 2 qts., 90c. Gallon, \$1.50. Express not paid.

Conkey's Noxicide. Disinfectant for homes, poultry yards and farms. Pt., 50c. Qt., 80c. 2 qts., \$1.30. Gal., \$2.00. Express not paid.

Conkey's Sulphur Candles. 20c. each. Postpaid.



Conkey's Fly Knocker is invaluable for the dairyman, stockman, farmer and owner of live stock. Horses can't work, cows can't give milk rich in butter fat, if flies pester them all day long. Spray Conkey's Fly Knocker about the home and around the stables, and it will chase these wicked pests. Qt., 60c. 2 qts., 90c. Gal., \$1.50. Express not paid.

Conkey's Head Lice Ointment. Saves chicks from big murderous head lice. 10c. and 25c. Postpaid.

Conkey's Gape Remedy. Saves chicks from choking, gape worm. 30c. and 55c. Postpaid.

Conkey's Limber-Neck Remedy. 50c. Postpaid, 55c.

Conkey's Poultry Worm Remedy. Postpaid, 30c.

Conkey's White Diarrhoea Remedy. For this contagious chick disease. 30c. and 60c., postpaid.

Conkey's Poultry Conditioner. For rapid conditioning. 30c. and 55c. Postpaid.

Conkey's Lice Fix (Ointment). Easy to apply. Sure in results. 25c. and 50c. Postpaid.

Conkey's Blackhead Remedy. Postpaid, 55c.

Conkey's Scaly Leg Remedy. Postpaid, 25c.

There is a Special Conkey Remedy for each Curable Poultry Disease

LEE'S POULTRY REMEDIES

LEE'S GERMOZONE FOR POULTRY

Cures Roup, Colds, Canker, Chicken-Pox, Sore Head, Swelled Head, Cholera, Bowel Trouble

Germozone is peculiarly adapted to all these troubles because it may be administered either externally or internally for poultry according as the case may require. The Germozone is antiseptic and healing and has the important property of counteracting, in the chicken's crop, much or all of the musty or poisonous matter which will cause trouble later. It also has a regulating effect upon the bowels.

This is the reason why we recommend the giving of Germozone in the drinking water of chickens, young or old, two or three times a week with regularity. Many follow the plan of giving it every day in the last drink at night, giving pure water only during the day. It should not be given in all drinking water all the time.

Germozone comes in liquid form with full directions in each package.

Liquid, 40c and 75c

Lee's Liquid Lice Killer. 1 Quart, 60c; 2 Quarts, 90c; 4 Quarts, \$1.50

Lee's Louse Powder. 1 lb. Package, 25c.

Lee's Poultry Wormer, Bottle, \$1.00. Syringe 35c extra



Seed Corn

Bolgiano's Wonderful
Prosperity Yellow Dent Corn

Will Out Yield Any Other Variety of Yellow Corn

Bolgiano's Prosperity Yellow Dent Corn is the most attractive, largest, finest, and greatest yielding corn ever introduced.

When we brought out this corn over 20 years ago, it was the best yellow corn we had ever seen, and today it is far better, than when we introduced it, as we have improved it year by year by very careful selection and breeding, by these painstaking efforts adding three more rows to the cob and increasing the depth of the grain, besides adding to its beautiful deep golden color.

We know of no yellow corn today that will equal Prosperity in appearance and yield. The grains are large and deep and cover the cob over the tip. It is a luxuriant grower, the fodder attaining a height of 12 to 15 feet in good soil.

When grown in the vicinity of Baltimore it is ready to cut in from 110 to 120 days from time of planting.

If you want to grow the biggest and best crop of corn, you have ever raised, let us persuade you to use Bolgiano's Prosperity, we cannot afford to mislead you. Postpaid, Qt. 45c. Not prepaid, Pk. (14 lbs.), \$1.25. Bus. (56 lbs.), \$4.00.

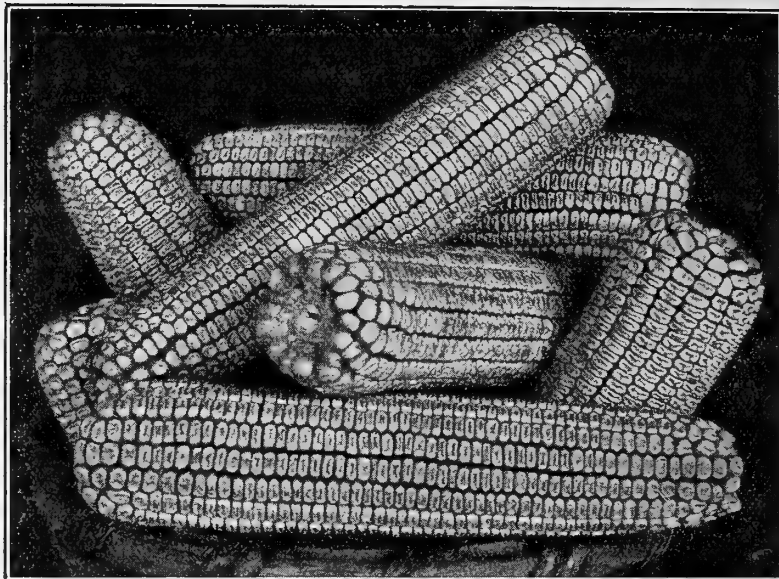
1140. Reid's Yellow Dent. This is a splendid Yellow Dent variety with 18 to 20 rows of kernels on an ear. The cob is small, and red and the grains are very close together. The ears average 8 to 10 inches long. The stalk is very heavy and is not easily blown down. It matures in 100 days and is a heavy yielder in the Middle and Southern States. Postpaid, Qt. 40c. Not prepaid Pk. (14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.

White Varieties of Seed Corn

1145. "Hickory King" White Corn. So large are the grains and so small the cob that on an ear broken in half a single grain will almost cover the cob section. Of a strong growth, the stalks take a firm hold in the ground and stand upright, resisting severe storms. It yields splendid crops on light soils, and is undoubtedly the best and most productive White Field Corn for the South. Postpaid, Qt. 40c. Not prepaid, Pk. (14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.

1054. Red Cob 90-Day Corn. This corn meets a long felt want, because it can be used as a roasting ear corn and when fully matured makes a first-class Crop Corn for feeding stock. The ear is large, handsome, suits for an early crop or for a late crop, because it matures in 90 days. This makes it always a safe and profitable crop. Postpaid, Qt. 40c. Not prepaid, Pk. (14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.

1299. Eureka Ensilage Corn. The very best Silo Corn on the market. For many years we have used great care in the selection of our seed, which will give a large amount of fodder, 3 or 4 long, slender ears of corn to the stalk. Grows to a height of 15 feet. Can be sown in hills or planted in checked rows. It is a very rapid grower and can be grown throughout the United States with wonderful success. Growers should not miss planting this special variety of ours for their Silo Corn. Postpaid, Qt. 40c. Not prepaid, Pk. (14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.



Bolgiano's Prosperity Yellow Dent Corn

Golden Beauty. Well known and popular variety, small cob deep rich golden yellow grains. Withstands drought and a splendid keeper. Our stock has been constantly improved by careful selection and breeding. Postpaid, Qt. 40c. Not prepaid, Pk. (14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.

1143. Improved Leaming Corn. Its extreme earliness and fine quality has made it very popular with the farmers, and especially with those in the localities where the seasons are short. The ears and grains are of medium size. Postpaid, Qt. 40c. Not prepaid, Pk. (14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.

1257. Boone County White. Ears well filled out at both ends, cylindrical, 9 to 11 inches long, averaging 20 rows, some 18 and 22. Grain very deep, a little rough. Cobs white, of medium size. Postpaid, Qt. 40c. Not prepaid, Pk. (14 lbs.), \$1.00. Bus. \$3.50.

1148. Bolgiano's Cuban Giant Ensilage Corn. We have thoroughly tested the Cuban Giant beside all large white grain ensilage varieties. Grains are pure white, very large, broad and long. Of stronger vitality than any other variety. It is the best milk producer of all ensilage Corns, being as sweet as Sugar Corn. Out yields the Red Cob Ensilage and is 10 to 12 days earlier. Postpaid, Qt. 40c. Not prepaid, Pk. (14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.

Whatleys Prolific. Especially well adapted for the South. Has a large stalk which grows off quick with a deep root system and withstands drought. Makes 2 to 3 good average size ears to the stalk. Cob is dark red, grains cream white, not flinty. Ready for milling 10 days ahead of the old prolific varieties. Postpaid, Qt. 50c. Not prepaid, Pk. (14 lbs.), \$1.25. Bus. (56 lbs.), \$4.00.

Tennessee Red Cob. Large ears medium early. White grains, not flinty. Medium red cob. Largely used throughout the South on heavy and swamp land. Qt. 40c. Bus. \$3.50.

Southern Snow Flake. Matures in about 100 days, large ears, deep grains, and frequently carries two ears to the stalk. Does well on poor thin soils. Splendid for roasting ears and makes fine meal. Postpaid, Qt. 40c. Not prepaid (Pk., 14 lbs.), \$1.00. Bus. (56 lbs.), \$3.50.

White Rice Pop Corn. Most popular variety. Very prolific. Excellent quality, pops pure white. Postpaid, Qt., 40c. 5 Lbs., \$1.25. Not prepaid, 10 Lbs. \$1.50. 100 Lbs., \$12.50.

Treat Field Corn with Semesan Jr.

FIELD CORN crops annually suffer an average reduction of 10% because of disease attacks and in individual cases the loss reaches 50% or more. Dust treatment with Semesan Jr is the most effective means of preventing and controlling such diseases. It is easily applied, harmless to the seed and commonly increases yields from 20 to over 40%. Ask for Semesan Jr. pamphlets. Prices: 4 ozs., 60c.; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50; 100 lbs., \$140.00.



Enormous Crops of Hay are Produced from Bolgiano's "Monumental" Brand Seeds

Bolgiano's "Monumental" Brand Field Seeds

REPRESENTS THE BEST SEED OBTAINABLE BOTH AS RESPECTS PURITY AND GERMINATION. YOU ARE ALWAYS SAFE WHEN YOU ORDER "MONUMENTAL" BRAND FIELD SEEDS

Owing to the new crop not being on the market when this catalog goes to press, we are unable to make prices on a number of items. We ask, therefore, that you kindly write us for prices. All prices subject to market changes

POSTAGE EXTRA AND MUST BE INCLUDED WITH REMITTANCE.
PARCEL POST TABLE INSIDE FRONT COVER.



Alfalfa Seed

1128. Alfalfa Yields Splendidly Throughout the South, Yielding 4 to 6 Cuttings Per Year, Increasing Yield Each Successive Year. Experiment stations place the feeding value of Alfalfa hay at \$20 per ton, as against Timothy hay at \$12 per ton. The acreage of Alfalfa is increasing very largely all over the Middle and Southern States; our farmers are fast beginning to realize what a valuable crop it is for this section. Alfalfa will succeed, and do well on any good loamy, well-drained soil, but the land must be well and thoroughly prepared for the best results. A heavy application of lime is of decided benefit—2000 to 5000 lbs. per acre. Alfalfa is usually sown broadcast at the rate of 20 to 30 lbs. to the acre, although some of our customers claim that thicker seedings give better crop results. March and April are the best months for seeding in the Spring, and the latter part of August and during September the best in the Fall. Our Alfalfa seed is the highest grade, strong germinating seed of the best and cleanest quality it is possible to procure.

Price "Monumental" Brand Fancy Seed, Bu. of 60 lbs. \$15.00. Prices fluctuate. Write us for market prices.

Grimm Alfalfa. This variety is very hardy and is recommended for sections having extreme cold weather as it will succeed where the common variety will winter kill. Price, 40c. per, lb.

Clovers

1132. Alsike Clover. Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is well adapted for sowing with Red Clover, Timothy, Herd's Grass, as it matures with these grasses, but flowering a little later than Red Clover. Price: "Monumental" Brand seed, bu. of 60 lbs. \$24.00. Write for latest prices.

1129. Crimson Clover Seed. New Crop. The Great Nitrogen Gatherer. The best crop for hay, soiling and green manuring. Fall, Winter and Spring pasturing. Crimson Clover furnishes an abundance of nutritive forage at seasons when pastures are dead. It is an unfailing supply of manure. May be planted in the Spring, Summer or Fall. Splendid for reseeded Red Clover that has been Winter killed. Sow 15 lbs. to the acre. Price, "Monumental" Brand, Lb. 15c. Bu. of 60 lbs. \$7.50. Write for latest market prices.

Clovers—Continued

1113. Japan Clover. We do not recommend this Clover for land that can be successfully grown in any grasses or clover, but on waste land or poor, worn-out soils it will furnish excellent nutritious pasturage. Sow at the rate of 10 lbs. per acre in March or April. Lb. 25c. 10 Lbs. or over at 20c. Write us for latest market prices.

1130. Medium Red Clover. This is regarded as the most valuable of the Clover family and is largely used for pasturage and hay. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It makes two crops each year. The first is usually cut when it is in blossom for hay. The last crop may be harvested for seed, cut for hay or plowed under to add fertility to the soil. When sown by itself, sow 10 to 12 lbs. to the acre, either in the Spring or Fall, or at the last working of corn. Price, lb. 38c. Bu. of 60 lbs. \$21.00. Write for latest prices.

1131. Mammoth or Sapling Clover. is similar to Red Clover, the difference being larger growth and later maturing. It is a good variety for thin soils or to seed with Timothy, Meadow Fescue, Herd's Grass or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. to the acre when sown alone. When sown with Timothy use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre. Price, lb. 45c. Bu. of 60 lbs. \$27.00. Please write for latest prices.

1133. White Clover. It makes a small, close, compact growth, covering the ground like a carpet. Sow in Fall, at the rate of 5 to 6 lbs. per acre. Price, "Monumental" Brand Fancy, ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c. 10 Lbs. or over at 60c.

1205. White Blossom Sweet Clover or Bokhora. (Hulled.) Melilotus Alba. A strong growing perennial of value for green manuring, especially South; also largely grown for the excellent food it affords throughout its season for bees. Sweet Clover will provide more feed per acre than any other form of grass. Price, lb. 20c. Bu. of 60 lbs. \$10.50.

1228. Yellow Blossom Sweet Clover. (Melilotus Indica.) A strong growing annual, valuable for inoculating soil with bacteria previous to growing Alfalfa, also good for hay and pasture as well as a splendid producer of honey. Lb. 25c. Bu. of 60 lbs. \$13.20. Prices fluctuate.

Southern Burr Clover (unhulled). Used in the Southern States for winter grazing, also for forage to be turned or plowed under. This is a hardy rank grower, 15 to 30 inches high, with dense fibre roots penetrating the soil 12 to 18 inches. Seed 2 bu. per acre. Price, lb. 30c. Bu. of 10 lbs. \$2.00.



Monumental Brand Timothy

Red Top or Herd's Grass

1111. This Grass makes excellent pasturage and good crop of fine quality hay, and succeeds on a greater variety of soils than any other in general use, giving very good results on light soils. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. It can be sown either in the Spring or Fall. Price: "Monumental" Brand Fancy Seed, Lb. 40c. 10 Lbs. or over at 35c. lb. Prices fluctuate; latest prices quoted upon application.

1122. **Meadow Fescue, Randall or English Blue Grass.** It makes a most excellent hay and pasturage Grass and is particularly valuable for Fall and Winter pasturage, as it remains green throughout the Winter. It is also a splendid Spring and Summer Grass and usually makes more and thicker leafage than any other Grass. Grows 2 to 3 feet high, but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. It succeeds well in nearly all sections of the South. Sow either in the Spring or Fall at the rate of 2 bushels to the acre. 24 lbs. to bu. Price Lb. 30c. Pk. \$1.75. Bu. of 24 lbs. \$6.50.

1251. **Bermuda Grass.** Specially adapted to Lawns and Pasture Mixtures in the South where many other grasses will not grow. When used in connection with English Rye Grass will insure a green sod throughout the year. The Rye Grass to be sown in the Fall when the Bermuda Grass turns brown. Bermuda Grass is very well adapted to light soil and in some sections of the South is the only pasture grass that will make a good sod on this class of soil. It also does very well on clay and loamy soil. Bermuda Grass is very largely used for sowing on hillsides and embankments for binding and holding the soil. Lb. 55c. 10 Lbs. and over at 50c. lb.

Carpet Grass

One of the leading grasses of the South for Lawns, Golf Links and especially valuable for Pastures as it affords grazing all winter, especially in Florida. It grows very well in shade and will thrive better than most grasses on poor sandy soils. Seed from 8 to 12 lbs. per acre in either fall or spring. Price, lb. 50c., 100 lbs. \$45.00.

Grasses

1117. **Timothy.** Clovers grow well with Timothy and aid it by supplying nitrogen. Timothy alone a peck (11 lbs.) to the acre or with clover 10 lbs. Timothy and 6 lbs. Clover. A splendid mixture is 8 lbs. Timothy, 6 lbs. Clover (either Mammoth Clover, or Alsike Clover preferred, as they mature at the same time as Timothy), 6 lbs. Fancy Red Top, $\frac{1}{2}$ bu. Meadow Fescue. Together these will produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils; 8 lbs. Timothy and 6 lbs. clover when sown together. Prices: "Monumental" Brand, 15c. Lb. Pk. \$1.00. Bu. of 45 lbs. \$3.75. Market fluctuates.

Timothy and Alsike Clover Mixed

For hay, the Alsike and Timothy Mixture is very valuable on soils too moist for Red Clover. Alsike is suitable for either hay or pasture. It is finer and more leafy than Medium Red Clover and cattle prefer it. "Monumental" Brand, 20c. Lb. 50 Lbs. or over at 15c. Lb.

Kentucky Blue Grass

1118. This grass is not only the best for lawn purposes, but makes the sweetest and most nutritious pasture for all kinds of stock. Kentucky has long been famous for its high bred horses and its Blue Grass pastures. It is now possible to establish on most any farm a Blue Grass pasture of greenest verdure which will give very profitable returns. This Grass is the first to start up in the Spring and remains green until snow flies in the Fall. It will do well on almost any land, but does best on well drained clay land. Sow in the Fall or Spring at the rate of two or three bushels per acre. Price: "Monumental" Brand Seed, Lb. 45c. Pk. \$1.50. Bu. of 14 lbs. \$5.50.

Sudan Grass

It is a tall annual grass reaching a height of 7 to 9 feet when planted in rows and allowed to mature for seed crop; broadcasted and cut in the bloom for hay, about 4 feet. The results have been so satisfactory that it is now established one of our permanent forage crops. Three tons of cured hay per acre has been secured, and three cuttings made. It is a great drought resister and is particularly adapted to semi-arid regions. It is an annual and must be seeded each Spring. A good Silage Crop when sown with Cow Peas or Soja Beans. Seed 40 lbs. to the acre. Price Lb. 15c. 100 Lbs. \$10.00. Write for latest prices.

Tall Meadow Oat Grass

1123. Yielding twice as much hay as Timothy or Orchard Grass, early as Orchard Grass with more leaf and affording better grazing, it is not strange that this grass is becoming so popular. It will keep green all Winter and all Summer; the drought of Midsummers or the cold of Winter does not injure it. It starts growing very early in the Spring, can be cut twice for hay. Price: "Monumental" Brand Fancy, Lb. 20c. Bu. of 11 lbs. \$2.10. Write for latest prices.

Orchard Grass

1114. **Orchard Grass.** It succeeds in shady places better than other grasses, especially in orchards. It starts early in the Spring and continues well into Winter. It is of quick growth, and is relished by stock, especially when young and bears close grazing. It makes excellent hay, and gives the very best results mixed and grown with Tall Meadow Oat Grass and Red Clover. It should be cut when in blossom, as the hay is injured if the seed is allowed to ripen. It can be sown in the Spring or Fall, either with grain or alone. Sow two bushels per acre if sown alone, or with Red Clover, one and one-half bushels of Orchard Grass and eight pounds of Clover are the quantities usually sown. Price: "Monumental" Fancy, Lb. 25c. Bu. of 14 lbs. \$2.75.

1124. **Red or Creeping Fescue.** A creeping rooted variety forming a close and durable turf and particularly suited for dry, sandy soil. Resists drought and thrives on very poor soils, gravelly banks and exposed hillsides. Valuable for shady lawns and for golf courses. Sow 30 lbs. to the acre if used alone. Price: "Monumental" Brand, Lb. 50c. Bu. of 14 lbs. \$6.00.



Grass and Clover Seed Mixtures for Hay and Pastures

These Mixtures give the very best and most satisfactory results to customers, and our trade in them is increasing rapidly. The advantage of sowing grasses and clover seed in mixtures has long been recognized and the practice is increasing to a very remarkable extent throughout the South. We are the pioneer seedsmen in Baltimore in putting up special mixtures for different soils, and the results to our customers have been exceedingly satisfactory, resulting in largely increased crops both of hay and pasturage. We will take pleasure in advising our customers as to suitable grasses for their soils and purposes.

We have the following mixtures combined grasses suitable for the various soils and uses for which they are recommended. Those for permanent pastures are composed of grasses which succeed each other in growth, and give a succession from

the first of Spring until late in Winter, while for those desired more for cutting for hay have combined grasses which ripen together. **In all our mixtures we are introducing small quantities of Alfalfa Clover** with the idea of inoculating the land with *Alfalfa bacillus*. Alfalfa revolutionizes farming, but the bacillus must be established before the revolution can occur. The different mixtures are prepared both as to quantity and varieties as best adapted to the soils and situations for which they are recommended. In all of our grass mixtures we use the very best seeds, the quality and purity of our seeds being our first consideration. The quantity handled enables us to give our customers the benefit of a very low price, even lower than if they purchased the seed separately.

The Mixtures Listed Below will Produce Excellent Results, for Both Permanent Pasture, and Mowing for Hay

25 Lbs. or Over at 100 Lb. Rates

Mixture No. 1. For Light, Dry, Gravelly or Sandy Soils. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 20c lb. 100 Lbs. at 18c per lb.

Mixture No. 2. For Heavy Loam or Clay Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 20c. 100 Lbs. at 18c per lb.

Mixture No. 3. For Moist Bottom Land. Sow 25 to 30 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

1121 English or Perennial Rye Grass

Produces an abundance of foliage, which remains bright and green during the season. The hay is relished by all kinds of stock. It will grow well on almost any land. When sown by itself sow 30 lbs. per acre either in the Spring or Fall. Price: Lb. 25c. 100 Lbs. \$17.00.

1249 Pacey's Short Seeded Perennial Rye

Specially suited for fine lawn mixture, extensively used on the beautiful lawns in England. It makes a quick leafy growth of fine texture. 25c Lb. 100 Lbs. \$20.00.

1172 Italian Rye Grass

It is less wiry than Perennial Rye Grass and is particularly well adapted to the soils and climate of Florida, where it is sown very extensively in the Fall and Winter for lawn purposes. About 24 lbs. of seed to the acre. Price: "Monumental" Brand, 20c Lb. 100 Lbs. \$13.00.

Paspalum Dilatatum or Dallis Grass. Plant March to June. Indicated in wet heavy lands where Bermuda is not good. Do not confound with Western grass called Dallas. Sow in spring, 8 to 10 lbs. per acre, by hand, roll or plank under on harrowed land. A perennial. The great permanent cattle pasturage of Australia, where one acre supports one cow year round. Grows 2 to 4 feet high. Makes enormous pasturage, or several green cuttings. Price: Lb. 75c. 100 lbs. \$70.00.

25 Lbs. or Over at 100 Lb. Rates

Mixture No. 4. Shady Nook Meadow Mixture. Like our Shady Nook Lawn Mixture, this mixture is specially prepared for good loamy soil in partially shady situations. A fine permanent pasture mixture, yields large crops of hay. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Rhodes Grass (*Chloris Gayana*)

An excellent hay grass; also excellent for grazing. Keeps green until cut back by severe frost and then starts growing again in warm weather. Well adapted to occupying land permanently. On drained lands of Central and South Florida enormous yields are made. Except in winter, can be planted any month in the year; Florida prefers February through June. In enormous and large use in the cattle country of Texas; serves Texas as well as Blue Grass serves Kentucky. A weed killer, choking out Bermuda and Johnson; resists drought and drowning out. Cattle trampling on it sods it all the heavier through the runners. Can get rid of it by plowing under. Price: Lb. 70c. 100 lbs. \$65.00.

1188. Crested Dogstail. Roots deeply and withstands dry weather. Does well in the shade. Lb. 85c. 100 lbs. \$80.00.

1238. Rough Stalk Meadow Grass. One of the best bottom grasses in a meadow. Sow 30 lbs. per acre. Lb. 50c.

1187. Hard Fescue. A valuable grass for dry lands and sandy soils. Sow 30 lbs. to the acre. Lb. 40c. Bu. of 12 lbs. \$4.75.

1234. Fine Leaved Fescue. A short, small turf forming grass for wooded places and for lawn purposes. Lb. 50c.

1186. Sheep Fescue. An excellent grass for poor, sandy soils. Resists drought remarkably well. Sow 40 lbs. per acre. Lb. 40c. Bu. of 12 lbs. \$4.75.

1189. Creeping Bent Grass. Distinctive on account of its compact, creeping, rooting stems. Fine for lawns and putting greens because of its fine texture. If sown alone use 50 lbs. to the acre. Price: "Monumental" Brand, Lb. 85c.

1252. Sweet Vernal. Excellent for mixture in lawns for its sweet perfume. Price: Lb. 75c.

Seed Oats

PLEASE WRITE US FOR LOWEST PRICES

1156. Burt or 90-Day Oats. On account of its earliness to mature, it escapes the dry hot weather we frequently experience in June, and is on this account one of the surest cropping varieties of the South. Color and appearance of grain somewhat resemble the Rust-Proof Oat. Bu. \$1.35.

Fulghum Oats. Practically two to three weeks earlier than all of our rust-proof oats. It is absolutely beardless; drills easily and is a safe horse feed. The best and most remarkable of the Southern oat crops. One of the best spring oats known today. Price, bus. \$1.25; 5 to 10 bus. \$1.15; 25 bus. or more, \$1.10 per bushel.

1161. Virginia Gray Winter or Turf Oats. When sown early, before the middle of March, these oats will far outyield the ordinary Spring Oats, making a larger crop and heavier grain. Bu. \$1.35.

1157. White Spring Oats. This is the variety most generally sown throughout the North and West, and is also so largely grown in this section, although the newest varieties offered by us are decidedly preferable, both as to yield and reliability of cropping. Bu. \$1.00.

1272. Appler Oats. The Appler Oat is equally adapted for sowing both in the Spring and in the Fall, but when sown in the Spring should be sown before the middle of March. It is a strong, quick-growing oat, bunchy head and heavy grain. One of the best and most reliable Rust-Proof Oats for the South. Bu. \$1.25. 10 bu. or more \$1.15.

1274. Montana or Swedish Oat. These oats originally imported from Sweden are very large, white, plump and heavy grained and yield enormous crops. The straw is coarse and is noted for its stiffness and power to withstand lodging and is a great drought resister. Bu. \$1.25.

1149 Hairy Vetch (*Vicia villosa*)

When sown in August or September it covers the ground before frost and prevents leaching of the soil during the Winter and Spring. When sown in April or May it can be cut in July, the second growth affording excellent pasture during the Summer. Seed 30 to 40 lbs. per acre alone; with Rye or oats 30 lbs. to ½ bu. per acre. Price Lb. 25c. 10 Lbs. 20c. Lb. 100 Lbs. \$18.00. Write for latest prices.

1150 Spring Vetches or Tares

Used for the same purpose as Hairy Vetch, but must be planted in the Spring whenever the Winters are severe, as this variety is not so hardy as Hairy Vetch. "Monumental" Brand, Lb. 15c. 10 Lbs. at 12c. 50 Lbs. at 10c. 100 Lbs. at 8c. Write us for latest market prices

1275. Oregon Vetch. Same as Spring Vetch, but owing to its hardness is known as Oregon or Winter Vetch. It can be planted in the Fall in all of the Southern States as well as in the Spring. "Monumental" Brand, Lb. 15c. 10 Lbs. \$1.25. 50 Lbs. \$6.25. 100 Lbs. \$12.00. Write for latest market prices.

1127. Dwarf Essex Rape. It is a pasture plant pre-eminently fitted to furnish pasture for sheep, cattle and swine. Under favorable conditions Rape is ready for pasturing sheep or cattle within 6 weeks from the time of sowing, and on an average one acre will carry from 12 to 15 sheep six weeks to two months. As it thrives best in cool weather, it should not be sown in the Southern States until September or October for Winter pasture. Sow 5 lbs. per acre broadcast. 2 to 3 lbs. per acre in drills. 15c. Lb. 10 Lbs. \$1.25. 100 Lbs. \$10.00.

Sorghum or Cane

1146. Early Amber Sorghum. Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1½ bushels per acre. When sown in drills, sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart. Lb. 10c. Bu. of 50 Lbs. \$2.75.

1158. Early Orange Sorghum. This variety is rapidly growing in favor wherever it is grown. Similar in growth to Early Amber, but it is claimed that it produces a heavier crop. Please write for lowest prices. Lb. 10c. Bu. of 50 Lbs. \$3.00.

Sugar Drip. A new, separate and distinct Sorghum. One of the best varieties for making syrup. Grows 12 to 15 feet high. Many growers think it makes the sweetest and finest flavored of all Sorghum syrups. Seed often sold at fancy prices. On account of its especial sweetness, cattle are extremely fond of it. Lb. 20c. Bu. of 50 Lbs. \$4.50.

326. Long White Cow-Horn Turnips. They can be fed to the stock as they are needed and the rest allowed to remain in the ground and rot, having a valuable fertilizing property. They grow nearly half out of the ground and are carrot-like in form. Sow two pounds of seed to the acre, broadcast. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 5 Lbs. at 55c.

1160. Japanese Buckwheat. For a late Summer crop Buckwheat is very desirable and profitable, especially in mountainous sections. It is easily grown, makes splendid flower food



Burt or 90-Day Oats

for bees and of a large yield of grain. As much as 40 bushels to the acre have been harvested, making it very profitable to raise. Sow 1 bushel per acre. Pk. 65c. Bu. \$2.50. Please write us for latest prices.

1135. Spring Rye. Distinct from the Winter Rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely grown in the Middle States in place of oats, being a much more profitable crop on account of the production of nearly four times the straw, and also as a "catch" crop where Winter grain has failed. Produces 30 to 40 bushels of grain per acre. As it does not stool like Winter Rye, not less than two bushels to the acre should be sown. Bu. \$2.75.

Abruzzi Rye. Earlier than other ryes. Stools heavier, makes double the seed and forage as made by other ryes. U. S. Agr. Dept. Bul. 336 says quality grain better and tallest rye yet tested. In big demand for grazing and for Fall and Winter cover crop in cotton middles. Sow September and October one bushel or more; for seed sow November 15th. Never Winter-killed. Often grows 6 feet with 6-inch head. Makes about 20 bushels per acre. Suffers less in Spring droughts. Bu. \$2.75.

1209. Beardless Spring Barley. This crop has been sown with satisfactory results for two or three seasons past in this section and further South. It makes a quick growing crop of most excellent and nutritious green feed and is growing in popularity wherever it is used, and will also make a good grain crop, although its principal value is as an early nutritious forage crop, either to feed green or cure as hay. Sow 1½ to 2 bushels per acre. Per bu. \$2.10. Please write us for market prices.

Bearded Spring Barley. This variety is most generally used, and especially as green food or hay crop, but where this crop is grown for the grain the beardless variety is mostly wanted. Price, Bu. \$2.00.

Mammoth Russian Sunflower

Sow in March to July, 5 to 10 lbs. per acre. Plant with Corn drills in rows 3 to 3½ feet apart and thin to 1 plant every 18 to 22 inches, cover very lightly, not over 2 inches. 5 Lbs. 75c. 10 Lbs. \$1.25. 100 Lbs. \$10.00.

Prices on all field seeds are F. O. B. Baltimore subject to market changes, sacks extra at cost, except where otherwise stated, owing to unsettled market we could not make prices on many seeds when this catalogue went to press.

PLEASE WRITE FOR LATEST PRICES ON ALL FIELD SEEDS.
IT WILL PAY YOU

Millets

A Splendid Quick Growing Summer Hay Crop

1125. German or Golden Millet, Southern Grown. Plant from middle of May until the end of June at the rate of 1 bushel per acre. Cow Peas sown with German Millet makes fine hay, and should be sown at the rate of three pecks of Millet and one bushel of Cow Peas to the acre. "Monumental" Brand Fancy Southern Millet, Pk. \$1.00. Bu. of 50 lbs. \$3.00.

1207. Japanese Millet (Billion Dollar Grass). Grows from 6 to 9 feet high and yields enormous crops. It is relished by all kinds of stock. 15 lbs. to acre broadcast, 10 to 12 lbs. in drills 12 inches apart. It does best on low moist ground. Lb. 15c. 100 Lbs. at 12c. a Lb.

1126. Hungarian Millet. Hay is quite leafy, of very fine quality. Should be sown at any time between the middle of May until the end of June at the rate of one bushel per acre. Lb. 15c. 100 Lbs. at 12c. a Lb.

1170. Pearl or Cattail Millet. It is largely used by dairy-men. It furnishes them green food throughout the Summer. 3 or 4 cuttings a season can be obtained. It can be fed either green or cured as dried forage, making a most nutritious feed which is relished by all kinds of stock. Sow 5 lbs. per acre in drills 3 feet apart or broadcast at the rate of 20 to 30 lbs. per acre. Lb. 15c. 100 Lbs. 13c. Lb.

Soja Beans

PLEASE WRITE US FOR LOWEST PRICES

1242. Mammoth Yellow. The largest growing and most popular Soja Bean for forage purposes, although a little later in maturing than other varieties.

1246. Wilson Black. Very small seed, matures in about 90 days, can be grown in the Northern States where an early variety is desired.

O-Too-Tan. O-Too-Tan grows entirely different from other Soy Beans; the main stem is erect, 3 to 4 feet high, and from it running branches extend as far as 7 or 8 feet. It is not, however, a climber like the Velvet Bean.

1306. Virginia. About 20 days earlier than the Mammoth Yellow. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure.

Biloxi. This is two or three weeks later than Mammoth Yellow and requires a longer growing season. In Tennessee it grew 5 ft. 7 in. without support and made three tons of hay per acre.

Laredo Soy Beans. The Laredo differs from any other variety. As the plants get up a few inches high they stool out like oats and each individual plant sends up from six to fifteen very fine branches making it one of the very best of hay beans.

Cow Peas

PLEASE WRITE FOR LATEST PRICES

1175. Mixed Cow Peas. We strongly recommend sowing Mixed Cow Peas as a soil improving crop. The upright growing varieties holding up the vining varieties; they will make a much better growth and give more satisfactory results.

1159. New Era. This new extra early Cow Pea is unquestionably one of the most valuable varieties in cultivation. It is quicker in growth than any other Cow Pea in cultivation; makes a very large growth of vine and very prolific yield of peas.

1162. Black Cow Peas. Seed medium sized and black. Vines trailing. Seed matures early.

Canada Field Peas. Pk. \$1.25. Bu. \$4.50.

1241. Gray Crowders or Shinney. Vine trailing, seed large and mottled gray and blue. Matures medium late.

1305. Brabham Peas. This is a cross between the Whip-Poor-Will and Iron varieties. It is especially valuable in that it partakes of the good characters of both parents.

1168. Black Eye. Vines erect. Seeds medium sized and white, matures medium late.

1164. Whip-Poor-Will. Vines erect. Seed large, mottled red and white, matures early. Good to grow between corn.

1163. Clay Peas. Seeds medium sized and cream colored. Vines grow tall and erect. Seed matures medium late.

Cotton Seed

WILLET'S SPECIAL COLLEGE No. 1

Bolls, 60 to the Pound—Gins, 40%.

Price: 1 Bu. \$2.00; 5 to 10 Bus. \$1.90; 25 to 50 Bus. \$1.75; 100 Bus. or more \$1.50 per Bu.

WILLET'S NEW HALF AND HALF

Price: 1 Bu. \$2.00; 5 to 10 Bus. \$1.90; 25 to 50 Bus. \$1.75; 100 Bus. or more \$1.50 per Bu.

WILLET'S SPECIAL MEBANE TRIUMPH

Price: 1 Bu. \$2.00; 5 to 10 Bus. \$1.90; 25 to 50 Bus. \$1.75; 100 Bus. or more \$1.50 per Bu.

IMPROVED WEBBER 49

Price: 1 Bu. \$2.00; 5 to 10 Bus. \$1.90; 25 to 50 Bus. \$1.75; 100 Bus. or more \$1.50 per Bu.

WILLET'S IMPROVED DIXIE TRIUMPH

Bolls, 60 to 65 to the Pound.

Price: 1 Bu. \$2.40; 5 to 10 Bus. \$2.15; 25 to 50 Bus. \$2.00; 100 Bus. or more \$1.90 per Bu.

WILLET'S SPECIAL WANNAMAKER CLEVELAND

Bolls, 52 to the Pound—Gins, 40%.

Price: 1 Bu. \$2.00; 5 to 10 Bus. \$1.90; 25 to 50 Bus. \$1.75; 100 Bu. or more \$1.50 per Bu.

SEA ISLAND COTTON EUREKA

Price: 1 Bu. \$4.00; 5 to 10 Bu. \$3.80; 25 to 50 Bu. \$3.65; 100 Bu. or more \$3.50 per Bu.

Velvet Beans—The Soil Builder of The South

We Can Supply Any Variety of Velvet Beans Grown, But We Are Listing Only the Most Popular Varieties.

GEORGIA BUSH VELVET BEANS

Introduced by us, 1916.

Price, postpaid: Pt. 35c; qt. 65c; ½ pk. \$1.50; pk. \$2.75.

Write for Prices in Quantity.

MISSISSIPPI BLACK VELVET

The Black Velvet is wholly new and only listed by ourselves.

Price, postpaid: 1 pt. 35c; 1 qt. 65c; ½ pk. \$1.50; pk. \$2.75.

Write for Prices in Quantity.

OSCEOLA VELVET BEANS

First listed by us.

Price, postpaid: 1 pt. 25c; 1 qt. 40c; ½ pk. 90c; pk. \$1.50.

Write for Prices in Quantity.

CHUFAS

44 lbs. to the bushel

Also called Hognut and Ground Almond.

One of the best hog crops for the South. For this purpose plant from April to May 10th; turn in hogs Sept. 15 to January. Crop matures about October and will lie in ground without rotting until eaten. Grow best in drills, rows 2½ feet apart. Do not bed or hill up. Plow and hoe twice. Plant 1 peck to acre. 10-inches in drill. Write for prices.

GEORGIA 100-DAY SPECKLE VELVET BEANS

Introduced and named by us. Originated in Georgia.

Price, postpaid: 1 pt. 25c; 1 qt. 40c; ½ pk. 90c; pk. \$1.50.

Write for Prices in Quantity.

CHINESE BEANS

First listed by us.

Price, postpaid: 1 pt. 35c; 1 qt. 65c; ½ pk. \$1.50; 1 pk. \$2.75.

Write for Prices in Quantity.

PEANUTS

White Spanish.—Small pods, upright growth, matures 110 days.

North Carolina Runners.—Medium pods. Great hog variety.

Valencia.—Upright vines, two weeks later than White Spanish.

Tennessee Red.—Bunch variety. Very hard shell.

Virginia Runner.—Largely used for parching.

Virginia Bunch.—Very Productive. Used for parching.

Write for prices, market fluctuates.



Packed
in
Cotton Bags
(Paper Lined)

25 lbs. - \$1.75
50 lbs. - \$3.00
100 lbs. - \$5.00

and

5-lb. can - 50c

F. O. B. Baltimore

All plant life must be fed. Most people have known that for years. It remained for Swift & Company to formulate a plant food, specially and scientifically prepared to furnish proper food for growing plants.

VIGORO

Specially prepared plant food

Lawns—

VIGORO gives the lawn a smooth, velvety appearance. Unexcelled for starting new lawns, reviving old ones which are bare, yellow or thin in spots and the feeding of established lawns.

Flowers—

VIGORO promotes vigorous and abundant buds—colorful and fragrant flowers. Grows hardy and disease resisting plants.

Gardens—

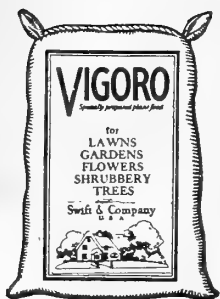
Grows those fresh vegetables that you can get only from your own garden. VIGORO increases the yield, hastens maturity and gives that quality, succulence and flavor which can only be produced in rapidly grown, properly fed vegetables.

Shrubbery—

VIGORO is the ideal plant food for shrubbery and trees. It grows hardy, luxuriant and full-foliated shrubs—trees vigorous and full of leaves.

Descriptive
Booklet
FREE

Upon Request



Scores of Prize Winners Claim "Plantabbs" Made Success Possible

Remarkable Tablets Promote Luxuriant Foliage and Surprisingly Beautiful Blooms on All Indoor and Outdoor Plants and Flowers. Practically Double Vegetable Yield

Many times more effective than finest fertilizer. Odorless, clean, easy to use, inexpensive

Since Plantabbs were introduced a short time ago hundreds of letters have been received telling how this remarkable little fertilizing tablet has helped folks grow more and better flowers and vegetables.

At both the Timonium and Marlboro Fairs in 1925 the largest, healthiest and most beautiful fern on exhibition, and as it later turned out, the prize winner, owed its growth exclusively to Plantabbs. Some of the finest vegetables raised in this section, many of the most beautiful dahlias at the Baltimore Dahlia Show and the Maryland Dahlia Show, besides most of the prize-winning potted plants and window boxes in the 1926 Evening Sun—Civic League Garden Contest, were all fed Plantabbs regularly and it is to this odorless plant food that the prize-winners attribute most of their success.

Many folks who have used the old-fashioned fertilizer for years and do not object to the disagreeable odor or dirt now use Plantabbs simply because Plantabbs bring better results than anything they have ever used. Others, particularly housewives who raise lots of potted plants and flowers indoors, use Plantabbs because with them they can keep their plants strong and healthy all winter long. To these people Plantabbs are almost a god-send, because ordinary fertilizers are too objectionable to use indoors and without food their plants would never thrive during cold weather when the house is heated with dry, moistureless furnace heat.

Plantabbs act quickly because they dissolve as soon as water reached them. They are effective because each tablet contains at least 11% nitrogen (ammonia), 15% phosphoric acid and 20% potash making them many times more powerful than the most expensive fertilizer. They are scientific because each package contains complete directions explaining the exact amount to feed each plant. They are the biggest seller on the market because they do more for plants, flowers and vegetables than you really expect.

Include a package of Plantabbs in your next order. Sent parcel post, C. O. D. if desired.

Package, 30 Tablets	\$.25
Package, 65 Tablets .....	.50
Package, 150 Tablets	1.00
Can, 1,000 Tablets	3.50
Can, 10,000 Tablets	25.00

Tells How He Won First 5 Prizes at Two Dahlia Shows

Says he had a sickly looking lot of plants when he started using Plantabbs.

Dahlias, like chrysanthemums, should not have any fertilizer until blooms begin to appear. Then they require a stimulant that acts quickly, that begins to stimulate growth immediately upon being applied. It is weeks before the chemical reaction takes place which makes ordinary fertilizer available to plants but Plantabbs being water soluble, promotes growth immediately. Read the experience of Mr. Earl P. Loller, Carroll Road and Davis Ave. Lane, Baltimore, Md. He writes:

"My success in winning several first prizes at both the Maryland and Baltimore Dahlia Shows I owe to Plantabbs.

"My dahlia patch in the latter part of July was a sorry sight, plants were stunted and sickly. I knew if I was to have any flowers, something had to be done quickly, so I bought some Plantabbs and used two tablets, broken in half and stuck in the ground around each plant. I then soaked the ground good.

"In ten days' time plants had started to grow. The dose was then repeated every ten days until the 10th of September.

"From the first of September I have had as good dahlias as I ever raised, blooms averaging 7 inches, and several have gone to 10 inches."

Record Breaking Vegetable Yield; Prize Fern Grown on Plantabbs

Read this statement from Mr. T. R. Fulton, Riderwood, Md., a man who is greatly interested in Plantabbs. In a letter written October 23, 1925, he says:

"For several years I had a fern which failed to do very well. I took home some Plantabbs one day and after using three or four began to notice a number of new shoots and it soon grew to be a very pretty fern.

"But last Spring I put it outdoors too soon and it became frostbitten, making it necessary to cut off every frond the first of June. I continued feeding it

Winners in Garden Contest Testify

Many say they never would have won if it hadn't been for Plantabbs.

Many of the prizes offered in the Evening Sun—Civic League Garden Contest in 1926 were won by those who had used Plantabbs. Among the winners who recommended Plantabbs are Mr. Byrd Van Dyke Peth, 15 Merrymount Road, Roland Park; Mrs. Fred. Rapp, 3021 Philadelphia Ave.; Mrs. Emma Amelia Smith, 6 Fair Oaks Ave., Hamilton; Mrs. J. Read, 31 E. Hamilton Ave., and many others.

Mrs. J. Read, 31 East Hamilton Ave., says:

"I have been using Plantabbs for about a year in a window box which contained geraniums, wax plants, parlor ivy and wandering jew of both kinds, the plain and colored. I give these little tablets full credit for all my success and am pleased to recommend them to everyone."

Mrs. Fred. Rapp, 3021 Philadelphia Ave., writes:

"I have used Plantabbs for a long time and find them the best plant food going. Truthfully I have got more results with one lot of Plantabbs than six of any other. I surely owe the healthfulness of my plants and garden to these wonderful little tablets."

Are you watering your plants too much or too little? Do you know what to do when insect pests attack them? Do you know when and how to repot? Can you tell what ails them when they look sickly? Are you able to keep them healthy and growing in winter when the furnace heat is on? These are a few of the many questions which can be answered after reading the directions which come with each package of Plantabbs.

Plantabbs, however, and by September it was prettier than ever and I was so proud of it I entered it at both the Timonium and Marlboro Fairs where it was judged the finest specimen on exhibition and awarded prizes.

"I also tried Plantabbs on my vegetable garden which grew especially well this year. Tests on tomatoes showed that on the vines I fed Plantabbs the tomatoes were larger and nearly twice as numerous as on the ones that were not fed Plantabbs."

FERTILIZERS FOR THE FARM, GARDEN AND LAWN

The merits of a Fertilizer cannot be judged by the analysis only, but the known fact that the animal waste products produced in the abattoirs give is the basis of our goods. The amount of work required to produce a good duce a poor crop with a cheap or inferior grade.

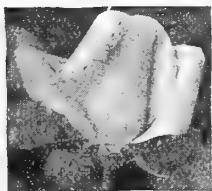
The four columns in the analysis given below represent respectively:

Seven-Six-Five	Five-Eight-Five	Four-Eight-Five	Three-Eight-Three	Two-Eight-Two	One-Nine-Three	One-Eight-Four	Acid Phosphate	Potash and Available Phosphate	Pure Raw Bone Meal	Pure Ground Bone	Nitrate of Soda	Sulphate of Ammonia
7-6-5	5-8-5	4-8-5	3-8-3	2-8-2	1-9-3	1-8-4	0-16-0	0-12-5	4 1/2-0-0-48	3-0-0-50		
\$58.00	\$29.00	\$29.00	\$26.00	\$25.00	\$21.50	\$19.00	\$17.50	\$17.50	\$14.00	\$18.00	\$60.00	\$52.00
500 Lbs.	100 Lbs.	50 Lbs.	25 Lbs.	10 Lbs.	5 Lbs.	2 1/2 Lbs.	1 1/4 Lbs.	3/4 Lbs.	1/2 Lbs.	1/4 Lbs.		
\$15.50	\$3.50	\$3.25	\$3.15	\$2.75	\$2.50	\$2.35	\$2.35	\$2.00	\$2.40	\$3.75	\$3.25	\$1.25
\$2.00	\$1.90	\$1.85	\$1.70	\$1.50	\$1.45	\$1.45	\$1.25	\$1.45	\$2.15	\$1.90		
\$1.25	\$1.20	\$1.20	\$1.15	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00		

Ammonia, Phosphoric Acid, Potash, Bone Phosphate, of Lime.

Analysis	Ton	1/2 Ton	500 Lbs.	100 Lbs.	50 Lbs.	25 Lbs.
7-6-5	\$58.00	\$29.00	\$15.50	\$3.50	\$2.00	\$1.25
5-8-5	\$29.00	\$14.50	\$7.25	\$3.25	\$1.90	\$1.20
4-8-5	\$29.00	\$14.50	\$7.25	\$3.15	\$1.85	\$1.20
3-8-3	\$26.00	\$13.00	\$6.50	\$2.75	\$1.70	\$1.15
2-8-2	\$25.00	\$12.50	\$6.25	\$2.50	\$1.50	\$1.00
1-9-3	\$21.50	\$10.75	\$5.37	\$2.35	\$1.45	\$1.00
1-8-4	\$19.00	\$9.50	\$4.75	\$2.35	\$1.45	\$1.00
0-16-0	\$17.50	\$8.75	\$4.37	\$2.00	\$1.25	\$0.90
0-12-5	\$17.50	\$8.75	\$4.37	\$2.00	\$1.25	\$0.90
4 1/2-0-0-48	\$14.00	\$7.00	\$3.50	\$2.40	\$1.45	\$1.00
3-0-0-50	\$18.00	\$9.00	\$4.50	\$2.40	\$1.45	\$1.00
	\$60.00	\$30.00	\$15.00	\$3.75	\$2.15	\$1.35
	\$52.00	\$26.00	\$13.00	\$3.25	\$1.90	\$1.20

Blood Meal—for Roses



Rose growers have learned in the past few years that Blood Meal is one of the most valuable fertilizers for Roses. It contains the proper plant food that Roses require, both for the growing of new wood and blooms. If you will use Blood Meal several times during the season, you will always have an abundant supply of blooms until late Fall.

It is well to remember that all plants require the proper kind of food if they are to do their best. After carefully studying the requirements of Roses, we can recommend Blood Meal to be the very best Rose tonic.

A tablespoonful to be sprinkled around the Rose Bush, about one inch away from the Bush, every two weeks. It is also very valuable as a top dressing in the vegetable garden, flower garden, around house plants, trees and in hot houses. 1 Lb. 10c. 3 Lbs. 25c. 5 Lbs. 40c.

STIM-U-PLANT

THE MAGIC FERTILIZER IN TABLET FORM

STIM-U-PLANT is the only complete plant food in tablet form. Guaranteed analysis 11 per cent Nitrogen, 12 per cent Phosphoric Acid, 15 per cent Potash—all of which elements are water-soluble and immediately available to the feeding root-hairs of the plant.

TABLET FORM OF GREAT VALUE

1. They give an EXACT FEEDING UNIT.
2. No MESSY MIXING.
3. No UNPLEASANT ODOR.
4. MAXIMUM EFFICIENCY because no food-value lost in scattering, leaching, or run-off of soil surface-water.
5. Makes REPOTTING of plants UNNECESSARY as it replaces the food withdrawn by the growing plant.

Order STIM-U-PLANT tablets with your seed and plant order. Price: 10 tablets 15c., 30 tablets 25c., 100 tablets 75c., 1,000 tablets \$3.50.

OLD GARDENER FERTILIZER

1-lb. can	\$.30	25-lb. bag	\$2.00
5-lb. bag .....	.65	50-lb. bag	3.50
10-lb. bag	1.00	100-lb. sack	5.50

BON ARBOR PLANT FOOD

8 Ounce can, by mail postpaid ..	\$.35
1 Pound can, by mail postpaid ..	.60

WHITE ROSE PLANT FOOD

1 Lb. pkg. 25c.	5 Lb. pkg. 75c.
10 Lb. pkg. \$1.25.	25 Lbs. \$2.50.

A LITTLE BOOK OF ANNUALS

By ALFRED C. HOTTES

This Little Book of Annuals has been written for the increasing throng of amateurs who grow flowers for the love of them. It is a reliable guide through the season of annual bloom. A handsome, carefully written, thoroughly edited, freely illustrated, accurately indexed book of 125 pages.

Paper cover, \$1.00 (postpaid \$1.10); cloth binding, \$1.50 (postpaid \$1.60).

A LITTLE BOOK OF PERENNIALS

By ALFRED HOTTES

For the amateur and professional. Companion book to the Little Book of Annuals. Devoted to the general principles of growing, using, selecting and propagating perennials. Illustrated.

Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.60 postpaid).



The Best Inoculation for All Legume Seeds

We believe in inoculation, we favor the pure jelly medium, and we believe in FARMOGERM. We recommend that all legume seeds purchased from us be inoculated before planting.

A different culture is required for each legume group, so, when ordering, be sure to state what crops you wish to inoculate.

NEW LOW PRICES

For small seeds—Clovers, Alfalfa, etc.

1/4-bus. size	\$0.35	1-bus. size	\$1.00
1/2-bus. size .....	.60	2 1/2-bus. size	2.25
		10-bus. size	\$8.00

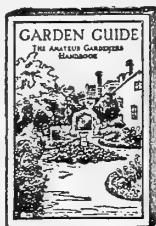
Special Reduced Prices on Cultures for Large-Size Seeds, Soy Beans, Cowpeas, Peas, Beans, etc.

1/2-bus. size	\$0.35	1-bus. size	\$0.60
		5-bus. size	\$2.25

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25 cts.



VALUABLE BOOKS ON THE FARM AND GARDEN GARDEN GUIDE



Tells how to plan, plant and maintain the home grounds, the suburban garden, the city lot; how to grow good vegetables and fruit; how to care for roses and other favorite flowers, hardy plants, trees, shrubs, lawns, porch plants and window boxes. Chapters on garden furniture and accessories, with useful rules and receipts, selected lists of plants, etc.

Handsome four-color cover. 384 pages. 15 Planting Plans. 275 teaching illustrations. Price: Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

HOME FRUIT GROWER

A practical guide to the growing of fruit for home use. It covers the entire subject of growth, cultivation, pruning and grafting. Illustrated with teaching pictures. Beautiful cover in four colors. Very valuable. Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

MILADY'S HOUSE PLANTS

To all women taking pleasure in the companionship of plants in the home and wishing to be made acquainted with the conditions essential to their well being, this instructive book, concisely written and easily understood, will make a strong appeal. 100 illustrations. 4 color cover. The chapter on "Sun Parlors as Plant Rooms" is a new departure. The subject is gone into minutely and this one chapter alone is worth many times the price asked for the book. Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.25 (\$1.35 postpaid).

PLANT PROPAGATION

Second Edition Revised and Greatly Enlarged

This book is written to instruct the florist and gardener in knowing just how to propagate the plants he expects to grow without the necessity of consulting more voluminous or expensive works. Copiously illustrated with instructions readily understood. It makes clearer a thousand little points which the old edition touched upon. Cloth bound, \$2.00 (postpaid \$2.15).

COMMERCIAL ROSE CULTURE

By EBER HOLMES

This book embraces the growing of roses under glass and outdoors. There will be found no better guide to their successful culture than this edition which contains 165 pages. Heavily illustrated, size 7 1/4 inches x 5 inches. Price \$2.00 (postpaid \$2.15).

Bolgiano's Lawn Grass Seeds Make Beautiful Lawns



Analyzed as
to Purity

Druid Hill Park Velvet Green Lawn Grass Seed

Tested as to
Germination

Absolutely the best Lawn Seed Experience Can Suggest, or that Money Can Buy. Will Produce a Beautiful and Permanent Lawn in Four to Six Weeks

Parcel Post Rates, see Page 1.

Time of Seeding

Middle Atlantic States in the Fall from August 1st to October 10th. In the Spring from April 1st to June 15th. Southern Atlantic States September 1st to February 1st.

The New Lawn

The soil should be plowed or spaded to a depth of about 10 inches, it is absolutely necessary that building waste, such as ashes, slate, stone, small pieces of lumber, etc., should be gathered up and removed.

Having plowed and spaded the soil evenly, apply a mixture of Bolgiano's Lawn Bone Fertilizer at the rate of about 10 pounds to 300 square feet and Sheep's Head Brand Sheep Manure at the rate of 12 pounds to 300 square feet, the fertilizer and sheep manure should be evenly and thoroughly mixed with the surface soil to a depth of 3 inches and raked evenly until the surface is perfectly level and smooth.

For seeding use Bolgiano's Velvet Green Lawn Grass Seed for open spaces, Bolgiano's Shady Nook Lawn Grass Seed for shady spots and under trees, and Bolgiano's Permanent Terrace and Slope Mixture for sharp inclines and terraces. Apply at the rate of one pound to 200 square feet of surface. To make a perfect job of seeding, select a mild day as wind will prevent even distribution of the seed. Seed across the prepared area, back and forth, North, and South, and having covered the area in this manner, cover the entire area once again, seeding East and West. To cover the seed, it is best to rake very lightly one way only, just as a team of horses would draw a harrow and not over $\frac{1}{2}$ inch deep. After raking, use a roller both ways exactly as done in seeding.

Remember whenever the soil sticks to the tools, it is too wet to work and will result in much harm as it will dry very hard into a baked condition and all work will be wasted.

Rebuilding the Old Lawn

The fact that your lawn is dying and disappearing in spots is conclusive that certain soil conditions prevail that are directly responsible. The soil is lacking fertility and is probably sour. Apply Sheep's Head Brand Sheep Manure at the rate of 12 pounds to 300 square feet, also Bolgiano's Lawn Bone Fertilizer at the rate of 10 pounds to 300 square feet to increase fertility. Apply Bolgiano's Lawn Lime at the rate of 30 pounds to 300 square feet to neutralize sourness. On bare spots, rake this mixture into the soil thoroughly to a depth of about two inches and smooth; seed the lawn with Bolgiano's Lawn Grass Seed exactly as described in the making of a new lawn, being careful to seed more heavily in bare spots.

Bolgiano's Lawn Grass Seeds Make Beautiful Lawns



For Shady
Spots

Shady Nook Lawn Grass

Is Sure
to Please

Druid Hill Park Velvet Green Lawn Grass Seed

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed, from yearly comparative trials, has proven to be unsurpassed for first-class and permanent results. This is due to the fact that we use only the very finest varieties of the most suitable grasses, thoroughly re-cleaned, free from all chaff and weed seeds.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed contains a well-balanced blend of various American and foreign fine bladed and deeply rooting grasses which has proved to produce the very best results under the varied conditions as to soil and climate met with in America.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed will give a green, smooth, velvety sod with a thick bottom and free from such varieties of common grasses as produce clumps and knots on the lawn, which so frequently spoil the desired smooth and deep effect.

In the beautiful parks and cemeteries in and around Baltimore, where best results must be had in order to produce beautiful and enduring turf. Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed is used almost exclusively. Qt. 40c. 2 Qts. 75c. 4 Qts. \$1.25. Pk. of 5 lbs. \$2.15. Bu. of 20 lbs. \$8.00. Delivered free in United States by parcel post, freight, or express our option.

Bolgiano's Shady Nook Lawn Grass Mixture

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Druid Hill Park Velvet Green Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Qt. 45c. 4 Qts. \$1.50. Pk. of 5 lbs. \$2.75. Bu. of 20 lbs. \$10.00. Delivered free in United States.

Bolgiano's Permanent Terrace and Slope Mixture

Realizing the difficulty experienced by the majority of lawn makers in getting a thick turf which will hold the soil on terraces and high slopes and prevent washing by heavy rains, we have after much experimenting established a mixture which admirably fills this need.

This mixture has been carefully blended so as to contain various grasses of rapid, dense, even growth and strong root systems, which will insure a permanent, beautiful slope. Qt. 50c. 4 Qts. \$1.60. Pk. of 5 lbs. \$3.00. Bu. of 20 lbs. \$11.00. Delivered free in United States.

Transportation charges paid by us on Grass Seed Mixtures, by Parcel Post, Express or Freight, our option, in U. S. A.

Sandy Soil Lawn Grass

A carefully blended mixture of fine bladed grasses, that will produce a permanent and beautiful lawn on the lightest and most sandy soils. Seed one quart to 200 sq. ft. Qt. \$.40. 4 Qts. \$1.25. Pk. of 5 Lbs. \$2.15. Bu. of 20 Lbs. \$8.00. Delivered free in United States.



Bolgiano's Sandy Soil Lawn Grass

Cloverless Lawn Grass Seed

This excellent mixture contains all the valuable grasses composing our Druid Hill Park Lawn Grass Seed, but it contains absolutely no White Clover Seed. Qt. \$.40. 4 Qts. \$1.25. Pk. of 5 lbs. \$2.15. Bu. of 20 lbs. \$8.00. Delivered free in United States.

White Dutch Clover

This is the best Clover for lawns, as it forms a close herbage and remains green throughout the season. It is also a very valuable mixture with grass seed for pasture. Sown in the Spring at the rate of 6 lbs. per acre when sown alone; one-half the quantity when sown with other grass. $\frac{1}{4}$ Lb. 20c. $\frac{1}{2}$ Lb. 35c. Lb. 65c. Delivered free in U. S. A.

Special Golf Mixtures

For Putting Greens

What is needed here is a close, low-growing grass that will stand a lot of tramping and will make a springy, tough turf. After thoroughly experimenting and scientifically testing, we have formulated a mixture that will give the desired results of an ideal Putting green. This mixture will grow in most any soil. Lb. \$.70. 100 Lbs. \$60.00. Delivered free in United States.

For Fair Greens

Over the course, where a very close growing sod is not necessary, but where a beautiful, velvety, green grass is wanted, we especially recommend our special mixture for Fair greens. By using this mixture in connection with our special mixture for Putting greens you are assured an even, velvety, green golf course equal to the best of laws. This mixture will thrive well even on poor soil. Lb. \$.50. 100 Lbs. \$40.00. Delivered free in United States.

Mixture for Golf Tees

Here is where the most enduring sod is needed on the entire golf course, this mixture will produce a sod that will withstand the rough usage, and continue to grow, through the most strenuous season. Lb. \$.50. 100 Lbs. \$40.00. Delivered free in United States.



SEMESAN

The PREMIER Fungicide
for Controlling

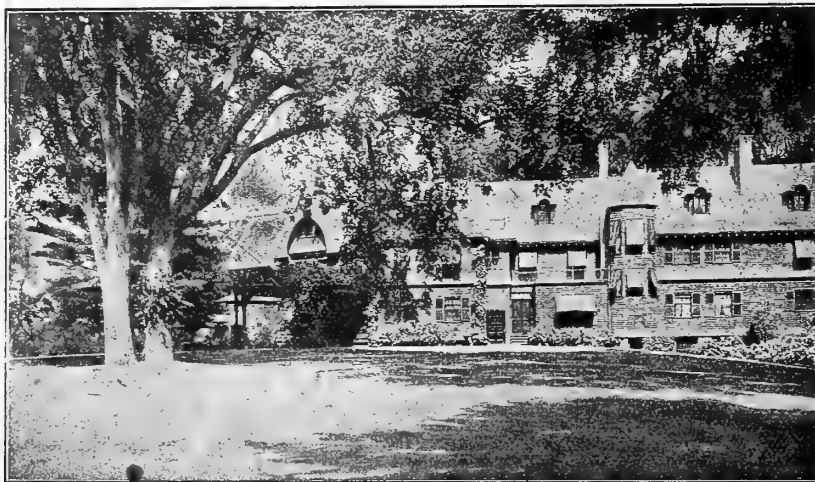
Brown Patch

DU PONT SEMESAN, the *premier* brand of hydroxymercurichlorophenol or chlorophenol mercury, is endorsed by the U. S. Department of Agriculture and the Green Section of the U. S. Golf Association as the best disinfectant and fungicide for the prevention and cure of "Brown Patch."

Semesan has been successfully used during the past two years for the perfect maintenance of many of America's finest golf courses and estate turfs. It is favored by prominent greenkeepers and golf course architects. We can make immediate shipments and quote:

1 pound	\$2.75	25 pounds ...	\$62.50
5 pounds	13.00	100 pounds ...	240.00

A booklet that completely describes the nature of "Brown Patch" and its prevention or cure will be sent on request.



and contains none of the coarse grasses that grow in tufts or clumps; no one grass makes an ideal lawn, so we have put into our Evergreen a mixture of grasses that are best suited during the different months of the year, and with proper care will give a beautiful green growth at all seasons, and will make a rich deep green velvety lawn. Price: Qt. 40c. 4 Qts. \$1.25. Pk. of 5 lbs. \$2.15. Bu. of 20 lbs. \$8.00. Delivered free in United States.

Lawn Grasses for the South

The following grasses will give excellent results in Georgia, Florida and neighboring states.

Bolgiano's Winter Lawn Grass

As results of years of experimenting we have at last perfected an ideal Winter Lawn Grass Mixture which contains in proper proportion the necessary grasses for a quick thick carpet lawn for the South. This gives the best results for lawns and parks in Winter and early Spring. The value of this grass for lawns and parks cannot be too highly stressed. This grass of course is not adapted for permanent sod. Price: Qt. 40c. 4 Qts. \$1.25. Pk. of 5 lbs. \$2.15. Bu. of 20 lbs. \$8.00. Delivered free in United States.

Bolgiano's Evergreen Lawn Grass

Our Evergreen Lawn Grass is a mixture of grasses that are adapted to lawn-making of grasses that are adapted to lawn-making

Fertilizing the Lawn

If lawns are expected to thrive and grow, they must be nourished sufficiently to encourage normal growth.

They should have an application of Bolgiano's Lawn Bone Fertilizer, also Sheeps Head Brand Sheep Manure, each Fall about September 15th to October 15th, and each Spring about March 15th to April 15th.

Winter Covering for Lawns

Lawns should be cut very closely about September 20th for the last time of the season, this date applies to climate equal to the State of Maryland.

Weeds at this time have stopped growing, and lawn grass is making its best growth of the season. An application of bone fertilizer and sheep manure promote the growth of the lawn grass, very often forcing it five or six inches high, then when the weather becomes cold this growth of long blades begins to droop and eventually fall and become matted over the roots of the grass, forming a blanket that thoroughly protects the lawn during the cold winter months.

Bolgiano's Bone Lawn Fertilizer

The very best fertilizer to use on lawns. It contains a large percentage of raw bone and when used on the lawn in early Spring will give a beautiful green lawn all during the entire Summer and Fall. Stable or chicken house manure should never be used as a top dressing on lawns, as it always contains large quantities of weeds. We have therefore had prepared for us this special lawn fertilizer, which is clean of all weed seeds, free from disagreeable odors and is acknowledged by all that have used Bolgiano's Bone Lawn Fertilizer as being the very best for the lawns. It should be sown broadcast early in the Spring or late Fall, 25 pounds to 300 square feet or 2000 pounds to the acre. When using less than above described, two dressings should be given each year. Many of the best lawn makers prefer using two dressings both Fall and Spring. 5 Lbs. 30c. 10 Lbs. 50c. 25 Lbs. \$1.25. 50 Lbs. \$2.00. 100 Lbs. \$3.30. 500 Lbs. \$16.50. 1000 Lbs. \$31.50. 2000 Lbs. \$60.00. Postage extra on 5 and 10 lbs., all other prices F. O. B. Baltimore.

A Good Top Dressing for the Lawn

can be made from the following compost. Apply in September or October: Twelve ordinary garden wheelbarrows of garden loam, 25 pounds Lawn lime, 25 pounds fine ground bone, 50 pounds pulverized sheep manure. Mix in a compost pile for one week, then apply. This mixture will dress a section of 2000 square feet of lawn.

Pulverized Sheep Manure for Lawns, Gardens, Parks, Golf Courses and Cemeteries

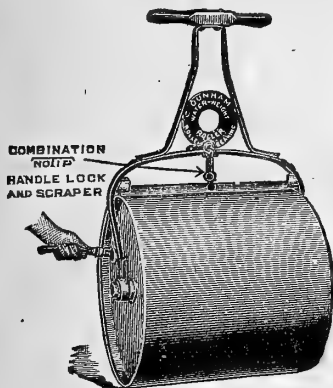
This is without exception the very best dressing for lawns. The effect is immediate and lasting. It is the only manure that is absolutely free from weed seeds. It contains no dirt, straw, leaves or bedding of any kind, being secured from the cemented floors of the Chicago stock yards. It is three times stronger than cow manure. Contains nitrogen, phosphoric acid, ammonia and potash in liberal proportions. It also adds humus so essential to the feeding of all plant life. Is also unequalled as a fertilizer for the vegetable garden, flower garden, house plants, trees, hothouse, etc. It is also dissolved in water and used as a liquid to nourish all kinds of growing plants. Be sure to give it a trial. 5 Lbs. 30c. 10 lbs. 50c. 25 Lbs. \$1.00. 100 Lbs. \$3.00. 500 Lbs. \$12.50. 2000 Lbs. (in 100-lb. bags) ton \$45.00. Postage extra on 5 and 10 lbs., all other prices F. O. B. Baltimore.



Bolgiano's Lawn Lime

Some of the finest lawns and grass plots have been produced by the judicious use of Lime. If the ground is showing signs of a green cast or moss, use Lime at once to save your lawn from the acidity or sour effect that will accumulate. A generous application of Lime being used two weeks before seeding time will prove beneficial. It can be applied in early Spring or late Fall with the very best results. Sow broadcast 25 pounds to 300 square feet or 2000 pounds to the acre. Price per 5 Lbs. 20c. 10 Lbs. 30c. 25 Lbs. 60c. 50 Lbs. \$1.00. 100 lbs. \$1.75. 1000 Lbs. \$11.50. Postage extra on 5 and 10 lbs., all other prices F. O. B. Baltimore.

Waterweight Rollers



Plain Bearings

No.	Diam. ins.	Length ins.	Sec. empty	Weight lbs.	With Water lbs.	Price each
2	14	24	1	68	175	\$12.00
4	18	24	1	82	265	14.00

Roller Bearings

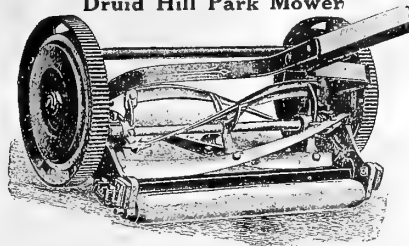
No.	Diam. ins.	Length ins.	Sec. empty	Weight lbs.	With Water lbs.	Price each
5	18	24	1	85	265	\$17.00
7	24	24	1	110	420	20.00
9	24	32	1	130	565	23.00

KEEP YOUR LAWN MOWER SHARP



adjustable and lasts forever. A few strokes on each blade and your mower cuts like new. To keep your lawn mower in shape this summer SEND for this handy sharpener TODAY. Price, \$1.00.

Druid Hill Park Mower



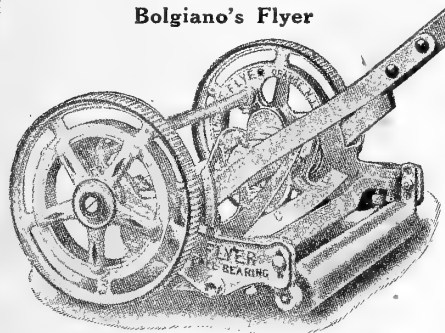
Blade	Kind	Wheel	Price
12 in.	Druid Hill Park Special	8 in.	\$6.25
14 in.	Druid Hill Park Special	8 in.	6.75
16 in.	Druid Hill Park Special	8 in.	7.25

Bolgiano's Ball Bearing Lawn Mowers

For those who mow their lawns frequently we advise the Ball Bearing Machines.

12 in.	Bolgiano's Leader	8 in.	\$8.00
14 in.	Bolgiano's Leader	8 in.	8.50
16 in.	Bolgiano's Leader	8 in.	8.75
18 in.	Bolgiano's Leader	8 in.	9.25
12 in.	Bolgiano's Crackerjack	9 in.	10.00
14 in.	Bolgiano's Crackerjack	9 in.	10.25
16 in.	Bolgiano's Crackerjack	9 in.	10.50
18 in.	Bolgiano's Crackerjack	9 in.	11.00

Bolgiano's Flyer



Bolgiano's Flyer. Here is the strongest, lightest running, most beautiful designed and finished mower in the world. Fully guaranteed. Blades made of crucible steel, oil tempered, double Pawl ratchet design placed in the pinion.

14 in.	Bolgiano's Flyer	9 in.	\$10.00
16 in.	Bolgiano's Flyer	9 in.	11.00
18 in.	Bolgiano's Flyer	9 in.	12.00
20 in.	Bolgiano's Flyer	9 in.	13.00

Bolgiano's New Matchless

5 Blades. Built for Service.

14 in.	New Matchless	\$14.00
16 in.	New Matchless	15.00
18 in.	New Matchless	16.50
20 in.	New Matchless	17.50

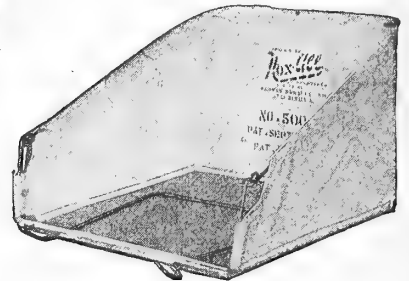
Bolgiano's New Orange

4 Blades. A Strictly High Grade Machine.

14 in.	New Orange	\$14.00
16 in.	New Orange	15.00
18 in.	New Orange	16.50
20 in.	New Orange	17.50

No. 1. Metal Bottom Catchers. 16 inches deep, made of heavy duck; heavy galvanized wire frame; adjustable steel hoops, will fit any mower, equipped with perfection handle. Adjustable to mowers, 12 to 16 inches wide, \$1.00.

No. 2. Metal Bottom Catcher. Same as No. 1, but for mowers 16 to 20 inches wide, \$1.25.



All Prices F. O. B. Baltimore.

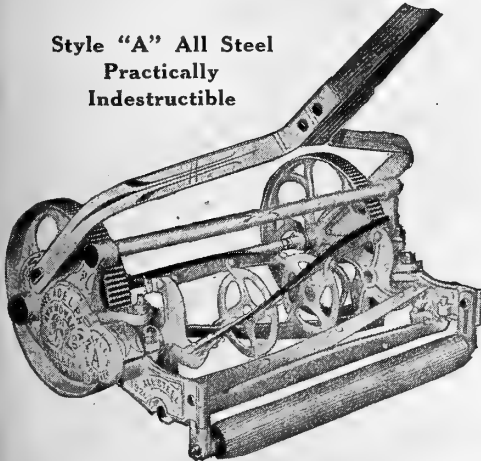
GENUINE

“PHILADELPHIA”

LAWN MOWERS

Fifty-Eight Years Making the STANDARD By Which All Other Makes are Measured
ORIGINAL - OLDEST - BEST

Style “A” All Steel
Practically
Indestructible



Established In 1869

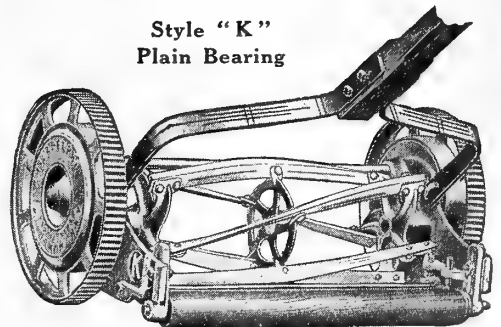
(the first side wheel mower)

18 Styles HAND

4 Styles HORSE

3 Styles MOTOR

Style “K”
Plain Bearing

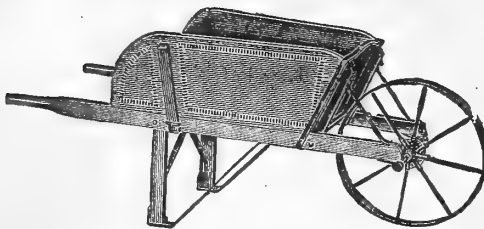


15 in.	\$23.25
17 in.	26.25
19 in.	29.25
21 in.	32.25

A MOWER FOR EVERY PURPOSE

From the smallest to the largest lawns, cemeteries, parks, institution grounds and golf courses.

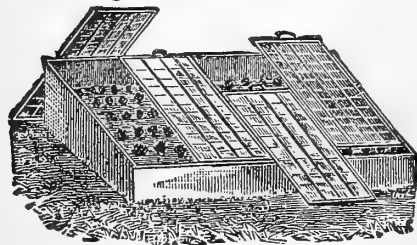
14 in.	\$18.00
16 in.	20.00
18 in.	22.00
20 in.	24.00



Bolgiano's Popular Size Garden Barrow

Bed, length inside 28 in., width 20½ in. at handle, 16½ in. at wheel. Floor boards run lengthwise to prevent warping.
Side boards, 11½ in. high.
Handles 1½ x 2½ x 4 ft. 8 in.
Wheel 1½ x ¼ in. tire 20 in. diam.
Painted red, striped and varnished.
Price \$6.00.

Unglazed Hot Bed Sash



Grooved. Makes a good airtight sash by just sliding the glass in. No putty required.
3 ft. 2 in. x 6 ft. To hold 28 lights.
\$2.25 each. 10 at \$2.00 each. 20 at \$1.85.

Hot Bed Glass

8 x 10 in., 90 lights in box. Price.....\$3.00

Burlap Hot Bed Mats

Made of strong Burlap, interlined with wool.
Size 40 76 in. Single Sash.....\$1.80
Mailing weight 10 lbs.
Size 76 x 76 in. Double Sash.....\$2.90
Mailing weight, 20 lbs.
Prices subject to change.

Peerless Glazing Points

Will stop your glass from sliding.
Price per 1,000.....75c
Mailing weight 2 lbs. per 1,000

Grafting Wax

¼ Lb....20c ½ Lb....30c 1 Lb....50c

Glazola

An ever elastic material for glazing and repair work. 5 Gallon Cans Price \$6.50 Each. Weight about 40 Lbs.

Mastica

For glazing greenhouse or sash, new or old. It is elastic, adhesive and easily applied. It is not affected by dampness. Gal. \$2.25.
Mailing weight 8 lbs. per Gal.

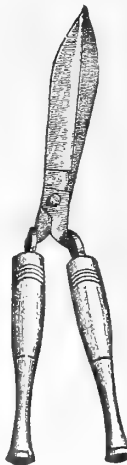
Forged Steel Warranted Hedge Shears

This line of shears will hold an edge that makes hedge trimming a pleasure rather than a task. Most users report several years of hard usage without any sharpening. The notched shear is found very handy for cutting old wood, up to one inch in diameter.

6-inch\$1.50
8-inch2.00
9-inch2.25
10-inch2.50

With notch, 25c extra.
12-inch with notch only.\$3.00
Mailing weight, 6 lbs. each.

DON'T FORGET POSTAGE OR EXPRESSAGE EXTRA ON ALL TOOLS AND IMPLEMENTS.



Waters' Tree Pruner

The Favorite of Long Handle Pruners

6 ft. long....\$1.60
8 ft. long....1.75
10 ft. long....2.00
12 ft. long....2.25
Extra blades... .25



Parcel Post Extra, see Page 1

All Prices Subject to Change without Notice



Pruning Shears

No. 50. 8-in.\$.90
No. R-50. 9-in.1.10
No. 60. 9-in.1.25
No. R-60. 9-in.1.40
No. 65. 9-in., full polished....1.75
No. R-70. 9-in.1.50
No. R-165. 9-in., Nickel Plated....2.25
No. R-85. 9-in., full polished....2.50
No. 14. 6-in., Ladies' Nickleled....1.50
No. 140. 6-in., Ladies' not polished.... .60
Mailing weight, 2 lbs. each.



Pruning Saws Best Made

No. 4. 16 in. double.....\$1.90
No. 4. 18 in. double.....2.00
No. 4. 20 in. double.....2.10
No. 16. 14 in. bow adjustable blade.....2.35
Mailing weight 3 lbs.

No. 15 Long Handle Pruning Shears

22 in. Handles
28 in. Overall

So shaped that it will work in small spaces among branches. Light weight, but strong enough for the heavy work. Both blade and hook are hardened and tempered steel forgings. Large bolt and nut with nut lock. Shanks of the forgings are hardened so that they cannot bend. Best grade Ash handles.

Mailing weight 5 lbs.
Price, \$2.25 pair.



Sickles

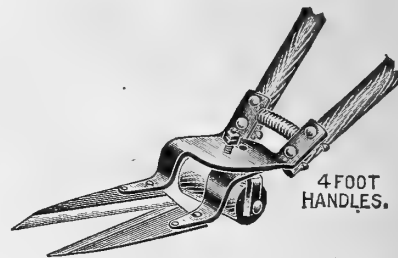
No. 3. Forged from bar tool steel. Upper side full polished. Turned maple handle. Price 60c.
No. 33. Same style as No. 3. Made of heavier material. Price 75c.
No. 4. Cutlery steel. Corrugated blade—ground wide, thin and sharp. Temper finished blade. Securely riveted hard wood handle. 50 c each.
Blue Ribbon Sickle. Ideal for light work 45c.
Clark's Solid Back Sickle, 45c
Mailing weight, 2 lbs.



The N. W. Lawn Trimmer

Northwestern Stamping Co., Burlington, Iowa

MOST POPULAR LAWN TOOL WHERE THE LAWN MOWER FAILS



4FOOT HANDLES.

Every time you cut the grass the lawn mower leaves ragged edges along the walks, fences, under trees and flowers. With the N. W. Lawn Trimmer this work is accomplished the same as with hand shears much quicker and easier than by any other method.

You walk along same as behind the mower.

The shears have been universally adopted as the best all around lawn trimmer. With it the operator can get into corners, under the fence and flowers, which is impossible with any other style trimmer.

But the ordinary hand shears has its disadvantages, too. It causes stooping, lame backs and cramped hands.

In designing the N. W. Lawn Trimmer we embodied the same principles of the hand shears. With the 4-foot handles it eliminates the disadvantages (stooping, lame backs, cramped hand and saves the operator more than half of the time.

Nothing to get out of order. Price, \$2.25.
Mailing weight, 8 lbs.



Grass Shears

No. 530. Special 50c
No. 267X. Extra full polished blades and Bow. Tempered: Size 5½ inches.... 65c
No. 0267. Polished blades, shanks and bow. Trowel shanks. Our most popular grass shear. Size 5½ inches..... 75c
Mailing weight, 1 lb.

Ball Bearing Grass Shears



A shear that allows the hand to be held in the easiest and most natural position possible. It doesn't tire the hand, or raise a crop of blisters; you can operate it much faster, the blades cannot slip apart, it's wonderfully easy even for a woman to use and it cuts like a razor. Price each, \$2.00.

Mailing weight, 1 lb.

Turf or Edging Knife



For trimming edges of paths, drives, flower beds and borders.

Half-Moon Shape, T-E.....\$1.25
Mailing weight, 5 lbs.

Red Rubber Plant Sprinklers

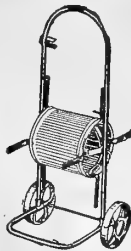


Just the thing to get up under the foliage of the plant and sprinkle it where it is mostly neglected.

10 ounce bent.....\$1.50 each



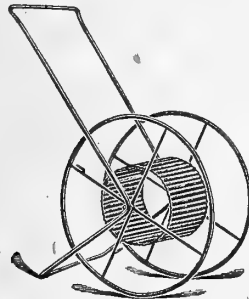
This Bamboo Rake is especially good for use on the Lawn, also for Leaves, very easy to handle. Weight. 2 lbs. \$1.00.



No. 2 Reel

Hose Reels

No. 2. All metal, best tubular steel frame; heavy corrugated galvanized steel drum...\$3.75 Capacity, 100 ft. $\frac{3}{4}$ " Hose.



No. 10 Reel

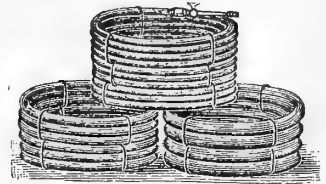
No. 10. Absolutely all metal, tubular steel rims and frames, diameter of rim 21 inches.....\$4.25 Capacity 150 ft. $\frac{3}{4}$ " hose.

Rid Your Lawn and Garden of Ants Use Ant Food

Sizes and prices

4 Ounce can, by mail postpaid.....\$.30
8 Ounce can, by mail postpaid......45
1 Pound can, by mail postpaid......75
5 Pound can, by mail postpaid..... 3.00

Garden Hose



You Don't Buy Good Hose Often (IT LASTS)

Bolgiano's (Square Deal) Moulded Cord Hose is Non-Kinkable and built for hardest service.
 $\frac{3}{4}$ inch 25 ft. lengths complete with couplings.....\$3.90
 $\frac{3}{4}$ inch 50 ft. lengths complete with couplings..... 7.50
 $\frac{5}{8}$ inch 25 ft. lengths complete with couplings..... 3.65
 $\frac{5}{8}$ inch 50 ft. lengths complete with couplings..... 7.00
Prices F. O. B. Baltimore, subject to change without notice.

Solid Brass Sprinklers

Full Circle

weight 1 lb. Price

85c. Half Circle

weight 1 lb. Price

75c. Postage Extra on all Tools,

Implements, etc.



Hose Nozzles



Combination nozzle. A straight stream when open, or a couple of turns will make any desired spray. Price 75c.

To Keep Garden and Lawn in perfect condition—

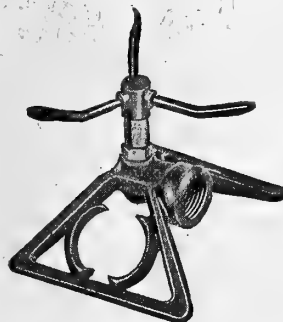
B. & J. SAUCER SPRAY SPRINKLER

Truly the biggest, little sprinkler made. Covers a circle of from thirty to forty feet in diameter with a gentle, even spray. Has two copper sprinkling caps—one for a full circle and one for a half circle. Simple and durable in construction, easy to handle and readily cleaned.

Shipping Weight, 1 lb. Price 50c



No. 100



No. 110

B. & J. MERIT SPRINKLER

A most popular revolving sprinkler is the Merit which covers a thirty-five foot circle. The rapidly revolving head breaks the stream into an excellent spray. A good sprinkler at a low price.

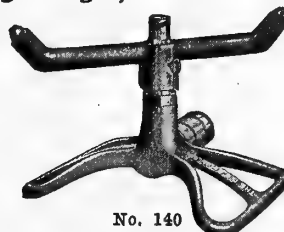
Shipping Weight, 2 lbs. Price \$1.00

Sold by
J. Bolgiano Seed Co.
Baltimore, Md.

RID-O-WEED

This tool was made with one object in view—to rid the lawn of deep-rooted weeds as dandelions, dock, etc., without the usual bending over and sore back, knees and fingers. Push RID-O-WEED in and pull the weed out—that's how simple it is. Efficient, easy to work, will last forever, reasonable in price.

Shipping Weight, 3 lbs.—Price \$1.00



No. 140

B. & J. DUPLEX SPRINKLER

One of the best sprinklers made. Meets every need of the average lawn. Covers a fifty-foot circle evenly and gently. Then turn the thumb screw one or two turns and it is a fan spray covering a fan-shaped area twenty by fifteen feet. A real piece of sprinkling equipment made so that it will last for years.

Shipping Weight, 4 lbs.—Price \$2.00



Bolgiano's Bird Houses Will Keep Your Birds at Home

WREN HOUSES—5 STYLES

Log Cabin, No. 11; Teepee, No. 12; Shack, No. 13; Bungalow, No. 61 and Slab, No. 23. \$1.75 each; any three for \$5.00. Add postage. Weight 4 pounds each.

COMBINATION WREN AND ROBIN HOUSE

No. 63. Wren with Robin pulpit. \$2.00. Weight 5 pounds. Postage extra.

BRACKET WREN HOUSE, No. 17

"Jennie's Choice." Weight 3 pounds. \$1.50. Postage extra.

HANGING BARREL WREN HOUSE, No. 50

English Sparrows do not trouble this swinging house. Price \$1.50. Weight 3 pounds. Postage extra.

SWINGING HOUSE, No. 14

Suitable for either Wren or Blue Bird. Interchangeable. Price \$2.00. Weight 4 pounds. Postage extra.



All Birds Prefer **RUSTIC HOUSES**
Price: 3 for \$5.00 and Parcel Post Weight of 3-9 pounds.

BLUE BIRD HOUSES—2 STYLES

No. 21 and No. 62. \$1.65 each. Add postage. Weight 4 pounds each.

WOODPECKER HOUSES

No. 25. \$1.65. Weight 4 pounds. Postage extra.

ROBIN HOUSE, No. 60

\$1.65. Weight 4 pounds. Postage extra.



Earthen Flower Pots

We carry a full line of sizes at all times.

Size	Each	Doz.
3½ in. ...	6c	\$.45
4 in.	6c	.45
5 in.	8c	.85
6 in.	11c	1.25
7 in.	18c	2.00
8 in.	28c	3.00
9 in.	40c	4.00
10 in.	55c	5.50
12 in.	1.00	10.00

Earthenware cannot be packed for shipment by Parcel Post.

Packing charges extra on Earthen Flower Pots, Earthenware Saucers, Earthen Fern or Bulb Pans. Minimum charge 25c. 50c per 100 up to size 6-inch. \$1.00 per 100 size 6-inch and up.

Earthenware Saucers

Size	Each	Doz.	Size	Each	Doz.
4 in.	4c	\$.40	8 in.	12c	\$1.25
5 in.	5c	.50	9 in.	15c	1.50
6 in.	7c	.75	10 in.	18c	1.75
7 in.	9c	1.00	12 in.	30c	3.00

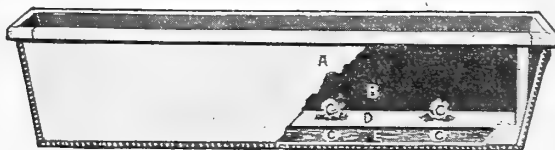
Earthen Fern or Bulb Pans

Size	Each	Doz.	Size	Each	Doz.
5 in.	9c	\$.90	8 in.	28c	\$2.90
6 in.	12c	1.25	9 in.	38c	3.70
7 in.	18c	2.00	10 in.	56c	5.50

Bolgiano's Self Watering Window Boxes

(Endurable, Attractive)

These boxes satisfy every purchaser equally as well as those they have been formerly buying at much Higher Prices.



These boxes are strongly made of heavy galvanized iron, equipped with a protruding water supply spout that leads into an underground trench, thus making available a ready supply of water direct to the roots of your plants. Boxes painted attractive green.

Length Inches	Width at Top Inches	Width at Bottom Inches	Height Inches	Prices
24	8½	6¼	7¼	\$1.25
30	8½	6¼	7¼	1.60
36	8½	6¼	7¼	2.50

F. O. B. Baltimore. Shipment Freight or Express

Cedar Plant Tubs Durable and Attractive (F. O. B. Baltimore)



New York Style

Heavy flat steel straps, feet and handles, body green, trimmings black.

No.	Top	Depth	Weight	Price
2	13 in.	12½ in.	13 lbs.	\$3.00
3	14½ in.	14¾ in.	15 lbs.	3.75
3½	16½ in.	15¾ in.	18 lbs.	5.00
4	19½ in.	16½ in.	21 lbs.	5.50



Richmond Style

Galv. wire hoops handles on all sizes except No. 5. Color all green.

No.	Top	Depth	Weight	Price
5	10 in.	9 in.	4 lbs.	\$.75
7	12 in.	11 in.	6 lbs.	1.15
9	14 in.	13 in.	8 lbs.	1.70
11	16 in.	15 in.	10 lbs.	2.10

BAMBOO PLANT STAKES

Owing to the high cost of the wooden stake, the Bamboo or Cane Stake is being used most exclusively, and with great satisfaction in its stead. We have listed below an assortment that will fill your every need.

Light Plant Stakes for Greenhouse work and small outdoor plants.

	Height	Doz.	100	1,000
Cane Stakes dyed Green.....	18 in.	\$.12	\$.65	\$ 5.50
Cane Stakes dyed Green.....	2 ft.	.15	.75	6.50
Cane Stakes dyed Green.....	2½ ft.	.18	.90	7.50
Cane Stakes dyed Green.....	3 ft.	.20	1.10	8.50
Cane Stakes dyed Green.....	3½ ft.	.22	1.30	9.50
Cane Stakes dyed Green.....	4 ft.	.25	1.50	10.50
Cane Stakes dyed Green.....	5 ft.	.30	2.15	12.00
Cane Stakes dyed Green.....	6 ft.	.35	2.35	14.00
Natural Color				

Heavy Bamboo Cane Stakes for Dahlias and heavy outdoor plants.

	Height	Diameter	Doz.	100	1,000
Natural Color	4 ft.	5/8 in.	\$.60	\$4.00	\$35.00
Natural Color	5 ft.	3/4 in.	.90	7.00	45.00
Natural Color	6 ft.	3/4 in.	1.20	8.00	55.00

Pot Labels

	100	500	1,000
4 in., plain.....	\$.20	\$.80	\$1.50
4½ in., plain.....	.25	.90	1.75
5 in., plain.....	.30	1.00	1.90
6 in., plain.....	.35	1.25	2.40
8 in., plain.....	.75	3.25	6.00
12 in., plain.....	1.20	5.25	10.00

Tree Labels

	100	500	1,000
3½ in., plain, copper wired..	30c	\$1.20	\$2.30



Galvanized Iron Water Pots

4 qts. \$.75	10 qts. \$1.15
6 qts. .90	12 qts. 1.30
8 qts. 1.00	16 qts. 1.50

Mailing weight

4 qt. 2 lbs.	6 qt. 3 lbs.	8 qt. 4 lbs.
10 qt. 4 lbs.	12 qt. 4 lbs.	16 qt. 5 lbs.

Bottomless Propagating Pots. Made from heavy Felt Water Proof Paper. Just the thing for Hot House work. They are made Square allowing more Pots to the square foot than the round type! Just the thing for Early Garden Plants, such as Tomatoes, Cabbage, Peppers, Melons, also Rose Cutting, Petunias, and Scores of other Plants. They produce plants with a single root System. In Transplanting You plant Pot and all, never disturbing the root.

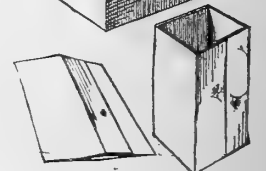
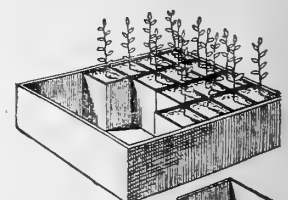
For Small Plants. 1½ in. sq. x 3 in. deep. Doz. \$.20, 100 \$.75, 1000 \$4.00.
For Tomatoes, Peppers, etc. 2 in. sq. x 3 in. deep. Doz. \$.25, 100 \$1.00, 1000 \$6.00.

For Melons, Cantaloupes, etc. 3 in. sq. x 4 in. deep. Doz. \$.30, 100 \$1.25, 1000 \$8.50.

We stock all sizes listed above and prices are F. O. B. Baltimore.

Place your order a few weeks ahead to avoid delay in case we should sell out of any size, as the factory is quite distant.

The EXPAN Planting Pot



THE EXPAN CO.

Redlands, Calif.

Mattocks, Heavy Steel



Mattock, No. 424, L. C.\$1.00
 Handles, extra 35c
 M. H. 3, Mattock Hoe, light, complete.....1.00
 Mailing weight, 6 lbs.

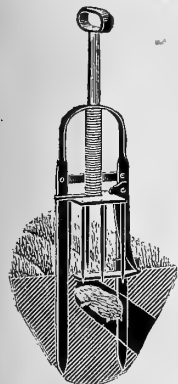
Ladies (or) Floral Sets

Shovel, Hoe and Rake, 3 F. S.\$1.75
 Mailing weight, 10 lbs.

Spading Forks



Union "D" Handle, 4-prong, Z. S. A. L. D. \$1.25
 Union "D" Handle, 4-prong, Y. S. A. L. D. 1.50
 Union "D" Handle, 5-prong, S. 5 A. D. 2.25
 Mailing weight, 6 lbs.



Steel Mole Traps

will catch the moles in
 your Garden or Lawn.

\$1.00 Each.

Mailing Weight, 3 lbs.

Steel Hoed



Weeding Hoe No. 2 P. W.50c
 Malleable Iron Socket, steel blade, S. R. 7....45c
 Sockets, Y. S. G. 6½.....80c
 Sockets, Y. S. G. 7½.....90c
 Faultless, F. S. 7.....\$1.00
 Sprouting Hoe, H. G. 6-0.....80c
 Mailing weight, 3 lbs.

Spades



D Handle, No. 2, plain.....\$1.25
 D Handle, No. 2, polished.....1.75
 No. 452, Long Handle Spade.....1.25
 Mailing weight, 8 lbs.

Shovels



Long Handle Shovel, No. 2, polished.....\$1.75
 D Handle, No. 3, polished round point.....2.00
 Hollow Back Scoop Shovel, No. 2.....1.35
 Mailing weight, 8 lbs.

Square Point Dirt or Coal Shovel



Price, \$1.25 each. Mailing weight, 8 lbs.



Bush Hooks

Absolutely the best steel Bush Hook made,
 fully guaranteed. Price \$1.60. Mailing weight,
 6 lbs.

Disc Pulverizer

Mulches the Soil and
 Gets all the weeds. (5
 ft. handles.)

Price \$3.50.



No. 300 Short Handle Spading Fork. Each 50c.



No. 400 Short Handle Spading Fork. Each 40c.



Scythes

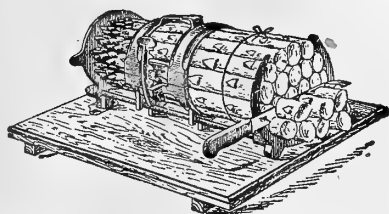
English Steel Waldron Grass, 34 inch.....\$2.50
 Silver Steel Waldron Grass, 30, 32 and 34 in. 1.60
 One Piece Grass Scythe Briar Edge 30, 32
 and 34 in.....1.25
 One Piece Weed Scythe Briar Edge 18-22
 in.....1.25
 Bush Scythe, No. 50, 18 and 22 inch.....1.50
 Copper King Weed Scythe, 24 and 28 inch.. 1.55
 Mailing weight, 5 lbs.

Snaths

Scythe Handles with Loop Bolts.....\$1.50
 Scythe Handles, with Rings.....1.75
 Mailing weight, 3 lbs.

Carborundum Scythe Stones

Carborundum, No. 190, 10¼ in. long, 1 in.
 wide.....25c
 Carborundum, No. 191, 12¼ in. long, 1¼ in.
 wide.....30c
 Mailing weight, 2 lbs.



Asparagus Buncher\$4.00
 Mailing weight, 6 lbs.

Asparagus Knives Made of Solid Steel



No. 2500. Fish Tail50c
 Mailing weight, 1 lb

Raffia

Raffia for tying asparagus, also used extensively for tying plants, fur-
 nished in platted hanks weighing about 2½ pounds each.

Price: 1 lb.25c
 5 lbs.22c
 25 lbs. or more.....20c

Postage Extra.

TAPE

for tying

CELERY and ASPARAGUS Color Fast Red

Will make your products sell for much higher prices

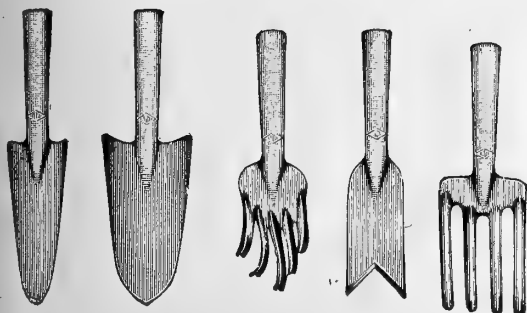
Spools containing 100 Yards

No. 1, width about 5/8 inch - - - \$2.50
 No. 2, width about 3/8 inch - - - \$1.75

Postage Extra. Weight 2 lbs. to spool



No. 1200 Garden Set—Five-Piece All Steel



MADE of a special tempered
 cold rolled steel. Finished in
 a Baked Green Enamel to prevent
 rusting. The biggest value on the
 market. Selling at the popular
 price of \$1.00 per set. Length
 over all 10½ inches. Weight per
 set 2 pounds. Packed one set in a
 box. Prices F. O. B. Baltimore.

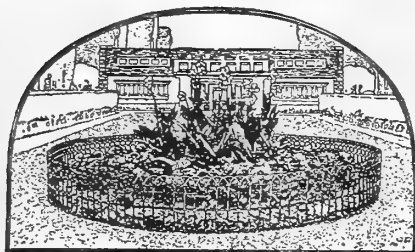
Full line of Garden Tools in
 all steel or long wood handles.
 Children's sand sets. House
 letter boxes, security boxes and
 carpenter planes.

PAR-PLUS-PRODUCTS
METAL PRODUCTS CO., Inc.

WEST HAVEN, CONN.
 510 First Avenue

N. Y. CITY
 200 Fifth Avenue

Perfection Flower Guard



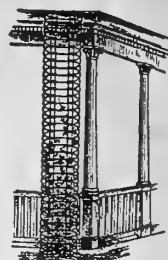
It is just as easily applied to any form or size of flower bed. No posts are required, the picket ends are left projecting for insertion in the ground. Not expensive and can be taken up from year to year. It is cut off to the length required and the ends hook together when set. This border not only protects, but adds to the beauty of every flower bed.

Our Special Price per ft.
 16 in. high, per running foot..... 9c
 22 in. high, per running foot..... 11c
 28 in. high, per running foot..... 12c
 25 ft. lengths and over 1c per ft. less.

Trellis Wire

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Easy to put up, will last a lifetime. Thoroughly galvanized and well made, cut any length desired.

Our Special Price per ft.
 No. 107. 18 in. wide, Single..... 7c
 No. 107. 24 in. wide, Single..... 9c
 No. 108. 18 in. wide, Double..... 12c
 No. 108. 24 in. wide, Double..... 13c
 25 ft. lengths and over 1c per ft. less.

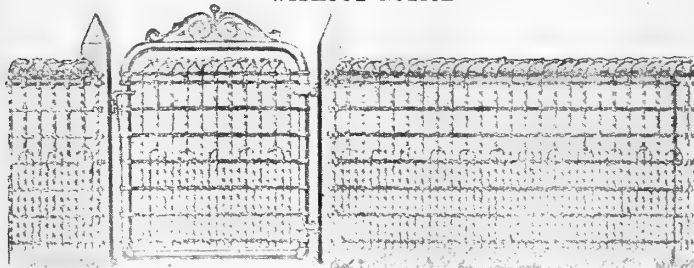


"Square-Deal" Ornamental Gates

Our "Square-Deal" Ornamental Gates are made to match our "Square-Deal" Ornamental Lawn Fence. The frames are made of best grade 1½-inch O. D. tubular steel. All "Square-Deal" Ornamental Gates are equipped with scroll top and spring latch. The fabric in all "Square-Deal" Ornamental Gates are made especially to fit the frame of the gate. There are no sharp ends projecting, and each filler is a complete piece of fabric in itself.

Height	Width	Price, Each
36, 42 or 48 inches.....	3 feet	\$4.00
36, 42 or 48 inches.....	3½ feet	4.25

ALL GALVANIZED WIRE PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Upright or picket wires are No. 9 heavily galvanized, spaced 2½ inches apart at top, with an additional No. 9 galvanized picket interwoven, so as to give an extra close spacing of 1½ inches at the bottom.

Cabled line wires are No. 12½, spaced 6 inches apart, except the two top cables, which are spaced 2½ inches apart.

Galvanized Steel Posts

No. 14½ Line Post, 5 feet.....	\$0.74
No. 14½ Line Post, 6 feet.....	.80
No. 14½ Line Post, 6½ feet.....	.83
No. 14½ Line Post, 7 feet.....	.91
No. 14½ Line Post, 7½ feet.....	.97
No. 10 End Post, 7 feet with brace.....	4.90
No. 10 End Post, 8 feet, with brace.....	5.55
No. 10 Corner Post, 7 feet with braces.....	7.30
No. 10 Corner Post, 8 feet, with braces.....	7.85
Top ornament for line post, each.....	.30
Top ornament for end and corner post.....	.60
Drive Cap.....	.40



"Square-Deal" Ornamental Lawn Fence

Style 600 Fabric Specifications

Height of fabric.....	36 inches	42 inches	48 inches
Number of cables.....	7	8	9
Price per lineal foot.....	16c	18c	20c

Put up in 20-rod rolls. Full rolls 10 per cent discount.

The extra pickets at bottom of fabric engage the lower cables as follows: 36-inch and 42-inch, four cables; 48-inch, five cables.

Miscellaneous Sprayers, Tools, Can Sealers, Cultures, Etc.

Sprayers (Compressed Air)

Prices F. O. B. Baltimore

Make	Capacity	Weight	Price
Hudson (galv.).....	4 gal.	12 lbs.	\$6.50
Hudson (brass).....	4 gal.	12 lbs.	9.50
Hudson Jr (galv.).....	2½ gal.	8 lbs.	5.50

Bucket Pumps

Hudson Modoc.....	6 lbs.	\$4.00
No. 28 Whitewash.....	5 lbs.	2.75

Barrel Sprayers (F. O. B. Baltimore)

Hayes No. 1821. Equipment: 12½ ft. ½-inch 5-ply spray hose, couplings, clamps and Hayes Disc Nozzle. Weight, 38 Lbs. \$13.50.

Seeders (Field)

F. O. B. Balto.

Cyclone (for Clovers, Timothy, etc.).....	\$2.25
Cahoon (for Clovers, Timothy, etc.).....	4.00

Seeders (Garden)

Planet Jr. No. 3 (Seeder only) (3 qts.).....	\$17.50
Planet Jr. No. 4 (Seeder and Double Wheel Cultivator) (2 qts.).....	18.00
Planet Jr. No. 4D (Seeder only) (2 qts.).....	14.25
Planet Jr. No. 2S (Seeder and both Single and Double Wheel Cultivator).....	21.50
Planet Jr. No. 31D (Seeder only) (1 qt.).....	9.00
Planet Jr. No. 3S Seeder Attachment.....	6.50

Low Wheel Cultivators and Plows

Planet Jr. No. 12 (Double Wheel).....	\$10.75
Planet Jr. 17 (Single Wheel).....	7.75
Planet Jr. No. 19 (Single Wheel).....	6.00
G-2 (Cultivator and Plow).....	5.50
Skaboo (Cultivator).....	4.75
Fire Fly (Plow only).....	4.25

High Wheel Cultivator and Plows Combined

Climax No. 1.....	\$3.25
Planet Jr. No. 119.....	4.75

Edgers

Planet Jr. Revolving Disc Edger.....	1.80
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Hedge Trimmers

Little Wonder Hedge Trimmer. An excellent machine for cutting new growth of hedges, doing the work many times faster than the ordinary hedge shears.

30-inch 1-Man Trimmer.....	\$25.00
40-inch 1- or 2-Man Trimmer.....	27.50
60-inch 2-Man Trimmer.....	35.00

Descriptive Folder sent on request.

Simplicity Trimmer for first year growth only, weighs but two pounds.

Simplicity Pruner and Trimmer for pruning back old growth of hedge and shrubbery and trimming new growth as well, weighs but three pounds.

Simplicities are made of the finest High Grade Carbon Steel and will give you long service and satisfaction.

Trimmer, \$4.00. Pruner and Trimmer, \$6.00.

Can Sealer

No. 23 with can saver for 2 and 3 cans, \$24.00.

Thrift Jar Sealer, \$2.50

1½ pt. Thrift Jars with Caps, \$1.30 per doz.
 Extra Thrift Caps per box of 6 doz., \$2.10.

Mulford Cultures

For small seeds, Alfalfa, Clovers, etc.

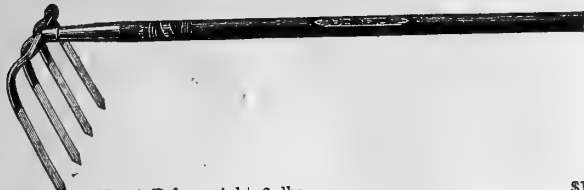
10 bushel size.....	\$8.00
2½ bushel size.....	2.25
1 bushel size.....	1.00

Garden Size (for Garden Beans, Garden Peas, Lima Beans, and Sweet Peas).....

.35

For large seeds, Soy Beans, Cow Peas etc.

20 bushel size.....	\$8.00
5 bushel size.....	2.25
2 bushel size.....	1.00
1 bushel size.....	.60

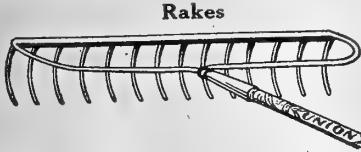


Potato Hooks No. 4 Bol., weight 2 lbs.\$1.00



Manure Forks

First quality steel, Y. S. 44½, 4-tine. Mailing weight, 4 lbs.\$1.25



Rakes

Malleable Rakes, M. S. 12.....60c
 Malleable Rakes, M. S. 14.....75c
 Steel Rake, high grade, bent tooth, B. 12..\$1.15
 Steel Rake, high grade, bent tooth, B. 14.. 1.25
 Olsen wooden Rake (4 lbs.).....1.00
 Lawn queen wire Rake (5 lbs).....75c

Gardeners' Trowels

- No. 1. 6-inch steel—one piece..... 15c
 No. 2. 6-inch riveted shank..... 30c
 No. 10. Extra heavy solid steel.
 Riveted shank—6-inch blade.... 40c
 No. 100. Florist's Trowel. Extra
 heavy. Cold-rolled steel. One
 piece 50c
 D. S. T. High-grade English steel.
 Socket Trowel\$1.00
 Mailing Weight 1 lb. each.
 No. 15 Rolled Steel 5½-inch Trans-
 planting Trowel. Weight 1 lb.. 25c



Dibbles

Brass Point.. 90c
 Steel Point.. 75c
 Weight 1 lb.

Don't Forget
 Postage
 on all Tools.

"NORCROSS" Cultivator Hoes and Weeder



Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil, from one to five inches deep, as required. Detachable steel prongs, malleable head, extra high grade handles, finely finished throughout. Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

Three Sizes and Prices

5-prong, 4 ft. handle, weight 3 lbs.....\$1.10
 3-prong, 4 ft. handle, weight 2 lbs..... .85
 "Midget," 9-inch handle, weight 12 ozs..... .45

The OUT-U-KUM Weed Puller

Does the Trick

It differs from all other weed pullers, most of which either cut the root or grip the weed above the ground, often breaking it off above the root.

The OUT-U-KUM slips down into the soil alongside the weed, loosening the soil on that side as it goes down.

It then crosses under the root, disengaging it—and is drawn up the opposite side of the weed, loosening the earth on that side and engages the head of the weed above the ground.

The now thoroughly loosened weed is easily withdrawn, root and all, with little or no clinging soil and leaving a very small hole in the lawn.

Especially effective in dandelians.
 Weight 2 lbs. Price 75c.

C. S. NORCROSS & SONS, MFR.'S.,

Bushnell, Ill., U. S. A.



Prices
 F. O. B.
 Baltimore

"Good Equipment Makes a Good Farmer Better"

IRON AGE IMPLEMENTS

Manufactured by
 FRED. H. BATEMAN COMPANY



"Iron Age" No. 306
 Combined Double
 Wheel Hoe, Hill and
 Drill Seeder

A practical tool for the market gardener; will sow all kinds of seed from Celery to Beans with the greatest regularity. Can be changed instantly from drill to hill-dropper, which will drop seed 4, 6, 8, 12 or 24 inches apart. Complete with cultivators, hoes, plows. Price \$21.00 F. O. B. Baltimore.

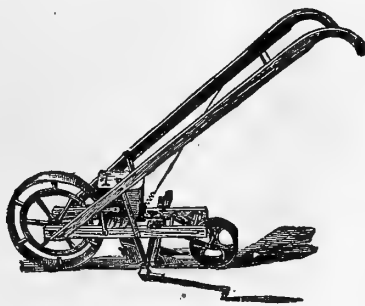


The No. 19-C
 "Iron Age"
 Wheel Plow
 and
 Cultivator

Consists of plow,
 rake, scuffle hoe,
 2 cultivator teeth.

Price
 \$4.50

F. O. B. Balto.



"Iron Age" New Model Seed Drills

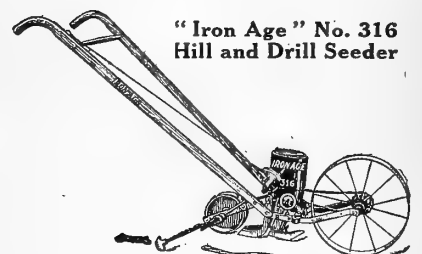
The Seeder adjustment in the New Model is accomplished by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir. The name of the principal seeds are plainly shown in the index. The flow of the seed can be instantly stopped by a swinging cut-off.

This cut-off prevents all loss of seed. Price \$12.00 F. O. B. Baltimore.

"Iron Age" No. 301
 Double Wheel Hoe
 with Cultivators
 and Plows

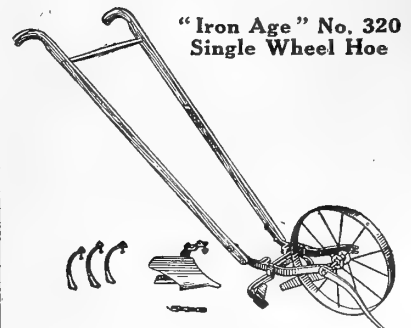


An indispensable machine to the market gardener or anyone cultivating a garden. This machine complete with all attachments. Price \$9.75 F. O. B. Baltimore.



"Iron Age" No. 316
 Hill and Drill Seeder

Here is an important tool built especially for those who do not care for a combined tool but desire separate machines for each purpose. The No. 316 will sow either in continuous rows or deeply in hills 4, 6, 8, 12 or 24 inches apart. The change from hill to drill seeder takes only a moment. We strongly recommend it to all who need a machine for seeding only. Price \$13.00 F. O. B. Baltimore.



"Iron Age" No. 320
 Single Wheel Hoe

A strongly constructed implement for the amateur or market gardener. It is light in weight and of simple construction. The attachments are a pair of side hoes, three cultivator teeth, a vine lifter and a plow. Price \$7.00 F. O. B. Baltimore.

Iron King Steel Frame Seeder No. 4

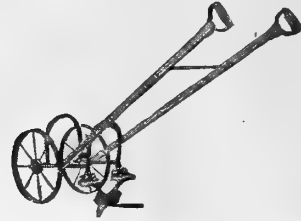
The front wheel is 15 inches high with tire $2\frac{1}{2}$ inches wide. The rear wheel is 13 inches high with $2\frac{1}{2}$ inch tire.

Equipment consists of one iron agitator and one brush agitator for tender seeds. One regular seed plate and one special onion seed plate and wrench. Will sow all vegetable and flower seeds. Price, \$13.50 F. O. B. Baltimore.

Iron King Single Wheel Cultivator No. 42

The equipment consists of one plow, three teeth, wrench and set of seven inch hoes. Teeth points, plow, and hoes are constructed of high carbon steel with sharpened edge for most efficient work.

By placing wheel on the outside of wheel arm and reversing the hoes it is possible to work both sides of the row at one operation. Price, \$6.75 F. O. B. Baltimore.

Iron King Universal Double Wheel Cultivator No. 10-U-D

The No. 10-U-D Universal double wheel hoe is all that the name implies. You can adjust these tools at different angles for most efficient work. The No. 10-U-D Universal is equipped with one pair of 7 inch hoes. Also a set of 6 teeth. Price, \$9.00 F. O. B. Baltimore.

Iron King Fertilizer Distributor and Side Dresser

Experiment stations all over the country are recommending the distribution of various kinds of fertilizer, as a side dressing while plants are in the process of growing. By carefully studying the photo of the machine you can see that it has two feed spouts which are adjustable up and down, also sidewise to enable the operator to vary the width and depth at which the fertilizer may be placed. The spouts act as shoes or furrow-openers and fertilizer conveyors at the same time. The double hopper and double chain drive give the machine balance and insure even distribution of fertilizer. This machine is equipped with shut-off to stop flow of fertilizer when machine is not in motion, which is manipulated from the handle by means of a lever, as shown.

The approximate capacity of the hopper is 32 pounds. This machine will sow 25 pounds to 600 pounds of commercial fertilizer per acre. Price \$21.00. F. O. B. Baltimore.



No. 39A

The
Iron King Implement Co.

Madison, Ohio

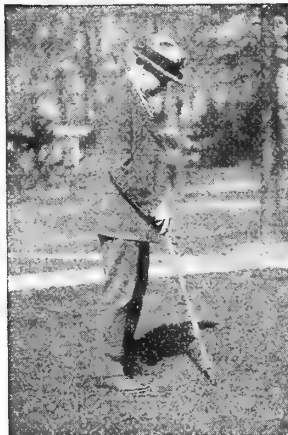
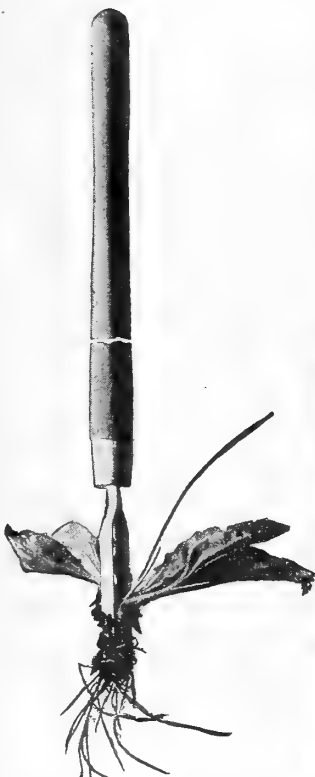
**The Holmden
LAWN-WEEDER
NEW—JUST OUT**

No stooping or bending over
—You get them while standing
up (ROOTS AND ALL).

It sure is easy to dig the
WEEDS out of your lawn with
this WEEDER.

If you have a lawn you can-
not afford to be without this
handy tool. See it and be
convinced. Weight 2 lbs.

Price \$1.00. Postage extra.



Holmden Lawn Weeder Co.
1106 Schofield Bldg., Cleveland, O.

Place fork of
Weeder over weed
and push

Peerless Hand Dust Gun

A Hand Gun That
Gives Satisfaction

When the bugs, worms and insects get on
your crops use a

Peerless Hand Dust Gun

Because

- It is perfectly balanced—front and rear
- It will dust two rows
- It will dust underneath the leaves
- It is easy to operate
- It has a powerful air blast
- It is ball bearing
- It gives satisfaction

Price \$25.00 F. O. B. Baltimore

SPRAYING SCHEDULE

What to Spray.	Diseases and Insects.	Material to Use.	Quantities to Use.	When to Spray.
Apple	San Jose Scale.....	Lime Sulphur Solution or BTS.	6 gals. to 50 gals of water. 12 lbs. to 50 gals. of water.	During dormant period, late winter or early spring, before foliage begins to grow.
	Bud Moth and Case Bearers.	Arsenate of Lead	Paste form 3 lbs. or powder form 1½ lb. to 50 gals. Lime Sulphur Solution.	Just as the leaf buds are beginning to swell, preparatory to opening.
	Green and Rosy Aphis..	Nicotine or Black Leaf 40	¾ pt. to 50 gals. of water.	Early spring, when leaf buds show green at tips. Can be used in lime sulphur spray, if used cautiously, before leaf buds open.
	Woolly Aphis.....	Nicotine or Black Leaf 40	½ pt. to 50 gals. of water.	Autumn is usually the best time on roots. Remove soil for several feet. Spray roots thoroughly, also spray infested parts on tops thoroughly.
	Leaf Hopper, Red and Green Bugs.	Nicotine or Black Leaf 40	¾ pt. to 50 gals. of water.	When the blossoms show pink, and again when the blossoms are about two-thirds gone.
	Scab, Leaf Spot, Cedar Rust, Curculio, Canker Worm.	Lime Sulphur Solution or Bts. and Arsenate of Lead.	1½ gals. Lime Sulphur or 3 lbs. BTS. 2½ lbs. Arsenate of Lead Paste or 1½ lbs. Powder to 50 gals. of water.	When the cluster buds open and begin to show pink on varieties subject to scab and cedar rust. Atomic Sulphur, 7 lbs. to 50 gals. of water is recommended in place of lime and sulphur.
	Coddling Moth and Scab.	Same as used for Scab Leaf Spot, etc.	Same as used for Scab Leaf Spot, etc.	As soon as the white bloom petals fall. Repeat three weeks later and again about nine weeks after the petals fall.
	Bitter Rot	Bordeaux Mixture and Arsenate of Lead	11 lbs. paste or 4½ lbs. powder. 2½ lbs. paste or 1½ lbs. powder to 50 gals. of water.	About nine weeks after the petals fall. Repeat in two weeks and again two weeks later.
	Apple Blotch	Same as Bitter Rot	Same as Bitter Rot....	About three weeks after the white petals fall. Just before the calyx closes.
Peach and Plum....	San Jose Scale and Peach Leaf Curl.	Lime Sulphur Solution or BTS.	6 gals. or 12 lbs. to 50 gals. water.	From three to six weeks before the trees bloom.
	Terrapin Scale	Scalescide or Miscible Oil	3½ gals. to 50 gals. water	Where Terrapin Scale is prevalent, this spray is recommended in place of lime sulphur, as it will control San Jose Scale and Peach Leaf Curl, also.
	Curculio, Scab and Brown Rot.	Arsenate of Lead and Lime.	1½ lb. paste or ¾ lbs. powder. 4 lbs. Lime slacked into a milk, to 50 gals. water.	This is used as a dormant spray, about three to six weeks before the trees bloom. On peaches apply ten days after the petals fall. On plums apply as soon as the petals fall.
	First application			
	Second application	Add Atomic Sulphur to above.	5 lbs. to 50 gals. water.	Three weeks after the first spraying.
	Third application	Same as second	Same as second	One month before the fruit ripens.
Pear and Quince....	San Jose Scale, Pear Psylla and Pear Leaf, Blister Mite.	Lime Sulphur or BTS.	6 gals. or 12 lbs. to 50 gals. water.	When the blossom cluster buds begin to separate. If the Psylla and Blister Mite are not present, the application may be made earlier.
	Coddling Moth, Scab, Leaf Spot, etc.	Bordeaux Arsenate of Lead.	5 lbs. powder or 12 lbs. paste to 50 gals. water.	As soon as the petals fall. Repeat three weeks later.
Cherry	Curculio, Slug, Leaf Spot and Brown Rot.	Lime Sulphur or BTS. and Arsenate of Lead.	1½ gals. or 3 lbs. and 2 lbs. to 50 gals. water.	When the first leaves come out, just before the blossoms open. Repeat as soon as the petals fall. Repeat again two weeks later and again immediately after picking the crop.
Grape	Black Rot, Mildew, Root Worm, Berry Moth, etc.	Bordeaux Lead	6½ lbs powder or 15½ lbs. paste to 50 gals. water.	After the shoots push out, just before blooming. Repeat as soon as the blossoms fall; again two weeks later, and again two weeks later.
Raspberries, Blackberries, Currants and Gooseberries.	Orange Rust, Anthracnose, Cane Blight, Leaf Spot and Leaf Eating Insects.	Cut and burn all diseased plants. Bordeaux Lead	6½ lbs. powder or 15½ lbs. paste to 50 gals. water.	When the foliage comes out, before the blooms open. Repeat as soon as the fruit has set, repeat again in ten days or two weeks.
	Powdery Mildew	Lime Sulphur or BTS...	6 gals. or 12 lbs. to 50 gals. water.	When the bushes are dormant, before the buds begin to open. When this disease is troublesome use 1½ gals. Lime Sulphur or 3 lbs. BTS. to 50 gals. water in place of Bordeaux. When spraying for Orange Rust and Anthracnose as directed above.
Potatoes and Tomatoes.	Potato Beetle, Flea Beetle, Blight, etc.	Bordeaux Zinc	6½ lbs. powder or 15½ lbs. paste to 50 gals. water.	As soon as the insects first appear or as soon as the plants are six inches high. If blight is not prevalent use 2 lbs. of Arsenate of Zinc Powder to 50 gals. of water, as this will control beetle more effectively. Repeat this application every ten days or two weeks until the crop matures. Discontinue on tomatoes three weeks before the fruit ripens to avoid danger of poisoning.
Asparagus	Beetle	Arsenate of Zinc.....	2 lbs. to 50 gals. of water	Allow a few stalks to grow and branch out. The beetle will collect on these stalks. Spray these stalks once a week until the beetle disappears. The other growth can be kept cut for table or market.
	Rust	Atomic Sulphur.....	7 lbs. to 50 gals. of water.	Three weeks after cutting is finished. Repeat every three weeks until late fall, then all growth should be cut off and burned.
Celery	Blight or Rust	Bordeaux Mixture	12 lbs. paste or 3½ lbs. powder to 50 gals. water.	Begin spraying before the plants are taken from the seed beds and continue at intervals of ten days throughout the season.
Cabbage, Brussels Sprouts, Cauliflower.	Worms	Arsenate of Lead or Arsenate of Calcium Powder.	1½ lbs. to 2 lbs. to 50 gals. of water.	As soon as the worms appear, and until the plants are half-grown. It is not safe to use poisons after this period, if they have not been controlled at this time use Arsenate of Zinc, 1½ lbs. to 50 gals. water until they disappear.
Cucumber, Cantaloupe and Similar Vine Crops.	Beetle	Slug Shot or Bug Death.	Ready prepared.	As soon as they appear dust with powder gun early in the morning when dew is on the plants. Continue until they disappear.
	Blight	Bordeaux Every 10 Days.		As soon as they appear spray the leaves well on the under side.
	Aphis	Black Leaf 40.....	¾ pt. to 50 gals. water.	Same as above.
Peas, both garden and sweet.	Aphis	Same as above.....	Same as above.....	Same as above.
Strawberry	Leaf Spot	Bordeaux	3½ lbs. powder or 8 lbs. paste to 50 gals. of water.	Apply just before blooming. Repeat in about twenty days.
Cotton	Caterpillar	Arsenate of Lead Powder.	2 to 4 lbs. per acre, according to size of plants.	Apply with powder gun early in the morning when plants are wet with dew.
Tobacco	Horn Worm	Arsenate of Lead Powder.	3 to 5 lbs. per acre, according to size of plants.	Apply with powder gun early in the morning when plants are wet with dew.
Shade Trees and Ornamental Shrubs.	Caterpillars and other leaf eating insects.	Arsenate of Lead Powder.	1½ to 2½ lbs. to 50 gals. water.	When they appear and repeat when necessary. When leaf diseases are troublesome add 1½ gals. Lime Sulphur Solution to 50 gals. spray.

1/3 of a silo of corn for \$1.50



Think of it! From 1/3 to 1/2 of your corn crop saved by expending only \$1.50 for a can of

Stanley's Crow Repellent!



Up in Remsen, N. Y. Webb A. Browne & Son plant about 7 acres of corn, to fill a 30 x 18 ft. silo. They were troubled with crows, and looked around for something that would rid them of the loss they suffered each year from crows and other pests. So they tried Stanley's Crow Repellent. And this is what they write us: "No more trouble with crows. Would not plant corn without it. Saves us from 1/3 to 1/2 of the crop. Stanley's Crow Repellent banishes the bugbear of replanting. And if a certain acreage will fill your silo, you don't have to plant from 1/3 to 1/2 more to cover the loss by crows."

Sold with a "Money Back" guarantee, through dealers and jobbers. If you have any doubt as to the market there is for this crow stopper, ask us to send you copies of letters, unsolicited, from satisfied users. Also our trade price list. Address:

CEDAR HILL FORMULAE CO.
Box 500 Y New Britain, Conn.

Large can enough for 2 bu. of seed corn, 8 to 10 acres, \$1.50. Half size can \$1.00. F. O. B. Baltimore. Postage extra.

LET US SPRAY



VEGETABLE SPRAY

For 20 Years the Most Effective

Root Maggot Preventative

on the Market for the Protection of

CABBAGE, TURNIPS, CAULIFLOWER, BEETS, RADISHES, ONIONS, ETC.

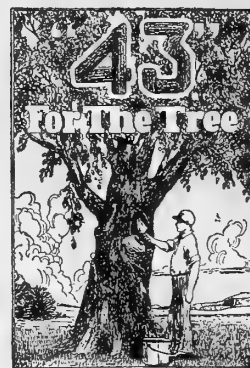
In the early spring a common fly deposits a large number of eggs around the stem of Cabbage, Radish, Turnip, Cauliflower, Kale, Onions and other plants. In 4-10 days these hatch into the Larve stage and then the Root Maggot. This cycle is repeated in about 4-6 weeks, consequently continuous spraying is necessary.

"Carco" Vegetable Spray will positively prevent the fly from depositing eggs when applied according to directions. It is NOT A POISON and will not injure plants when sufficiently diluted.

Prices, 1/2 Pints 50c.; Pints 75c.; Quarts \$1.25; Gallons \$2.50; in 5 Gallon Cans \$2.25 per Gallon.

One Gallon "Carco" Makes 100 Gallon Spray

for
Fruit
and
Shade
Trees



Easy
to
Use
Always
Ready

Why Let a Tree Die?

Save the injured tree with "43" For the Tree—a new scientific healing cement. Doctors tree wounds, kills insects and fungi, and prevents decay.

For orchards, public grounds, private estates, home sites, etc.

Anyone can apply it. Directions furnished.

1 Lb. Cans	\$.65	10 Lb. Cans	\$5.75
2 1/2 Lb. Cans	1.55	50 Lb. Cans	23.00
5 Lb. Cans	2.95	100 Lb. Cans	38.00

F. O. B. Baltimore.

Distributed by

The J. Bolgiano Seed Co.
Baltimore, Md.

Keep Your Gardens Free From Insects

INSEKTOSPRAY—A concentrated base from which a non-poisonous, non-inflammable and non-explosive liquid spray is prepared. It can be used on plants and animals without danger of injury.

INSEKTOSPRAY is particularly effective against Aphis, Rose-bugs, Potato-bugs, Melon-bugs, Cabbage-flies, Blister-beetles, Stable-flies, Poultry-lice, Ants and Roaches. Extensively used for the control of the Japanese Beetle.

PUT UP IN THREE SIZES

1/2 lb. (Makes from 2 to 8 Gal.)	\$.50
2 lb. (Makes from 9 to 33 Gal.)	\$1.50
10 lb. (Makes from 46 to 165 Gal.)	\$6.50



NON-POISONOUS NON-EXPLOSIVE
McCORMICK & CO., BALTIMORE, MD.

Sold and recommended by

J. BOLGIANO SEED CO.

FOR DORMANT SPRAY

Mix 1 Gallon Solvine to
35 Gallons Water

Cost, 200 Gallon Spray not over
\$4.20

Solvine
THE EFFECTIVE SPRAY
MISCIBLE OIL
100% Soluble in water

Prices F. O. B. Baltimore

1 gallon can, each.....	\$1.95
Case 1-5 gallon can, each.....	6.05
Case 2-5 gallon can, each.....	10.20
20 gallon drum, each.....	16.80
50 gallon drum, each.....	36.00

All drums equipped with faucets. No charge for drums—drums not returnable. (Prices F. O. B. Baltimore.)

Manufactured by
UNITED OIL CO., INC.
Baltimore, Md., U. S. A.

Miscellaneous Insecticides and Spraying Material

Black Leaf, 40, Oz. **\$.35.** ½ Lb. **\$1.25.** 2 Lbs. **\$3.50.** 10 Lb. **\$13.50.**

Sulpho Tobacco Soap, 3-Oz. pkg. **15c.** 8-Oz. pkg. **25c.**

Fish Oil Soap, 1 Lb. pkg. **35c.**

Cut Worm Killer, 1 Lb. pkg. **40c.**

Weed Killer, Qt. **65c.** Gal. **\$1.75.** 5 Gal. **\$7.50.**

Atlas Non-Poisonous Weed Killer, Qt. **75c.** Gal. **\$2.00.** 5 Gal. **\$8.00.**

Powdered Helle Bore, ¼ Lb. **20c.** ½ Lb. **35c.** 1 Lb. **60c.**

Lemon Oil, ½ Pt. **35c.** Pt. **60c.** Qt. **\$1.00.**

Paris Green, ¼ Lb. **20c.** ½ Lb. **35c.** 1 Lb. **55c.** 14 Lb. Kits at **48c.** Lb.

Arsenate of Zinc Powder, 1 Lb. **40c.** 5 Lb. **\$1.80.** 10 Lb. **\$3.50.** 25 Lb. **\$8.50.** 100 Lb. **\$32.00.**

Atomic Sulphur. Write for Prices.

B. T. S., 1 Lb. **25c.** 5 Lbs. **\$1.00.** 10 Lbs. **\$1.60.** 50 Lbs. **\$7.00.** 100 Lbs. **\$12.00.**

Hammonds Slug Shot, 1 Lb. **20c.** 5 Lb. pkg. **60c.**

Tree Tanglefoot, 1 Lb. **60c.** 5 Lb. can **\$3.00.**

Bug Death, 1 Lb. **20c.** 3 Lb. **40c.** 5 Lb. **60c.** 12½ Lb. **\$1.50.** 100 Lb. **\$8.75.**

Melrosine, Small Size, **50c.** Pt. **\$1.00.** Qt. **\$1.75.** ½ Gal. **\$3.25.** Gal. **\$6.00.**

Blue Stone, 1 Lb. **15c.** 25 Lbs. **\$3.00.** 50 Lbs. **\$5.00.** 100 Lbs. **\$9.00.**

Flour Sulphur, 1 Lb. **10c.** 25 Lb. **\$1.50.** 150 Lb. bag **\$7.50.** Tobacco Dust, 1 Lb. **10c.** 2 Lbs. **15c.** 25 Lbs. **\$1.25.** 100 Lbs. **\$4.00.**

Powdered Arsenate of Lead, 1-lb. package **39c.** 4-lb. package **\$1.00.** 25-lb. package **\$6.25.** 100-lb. package **\$21.00.**

Dry Lime Sulphur, 1-lb. package **30c.** 5-lb. package **\$1.25.** 10-lb. package **\$2.00.** 25-lb. package **\$3.75.** 50-lb. package **\$6.50.** 100-lb. package **\$12.00.**

Liquid Lime Sulphur, 1 qt. can **50c.** 1-gal. can **90c.** 5-gal. can **\$3.50.** Barrel (about 50 gals.), per gal. **22c.** Bbls. extra at **\$2.00** each and returnable at same price, F. O. B. shippers' station before August 1, if returned in good condition.

Calcium Arsenate, 1-lb. package **30c.** 4-lb. package **\$1.00.** 25-lb. package **\$5.00.** 100-lb. package **\$16.00.**

Powdered Bordeaux Arsenate, 1-lb. package **45c.** 4-lb. package **\$1.40.** 25-lb. package **\$7.50.**

Powdered Bordeaux Mixture, 1-lb. package **25c.** 4-lb. package **80c.** 100 lbs. **\$15.00.**

Para-dichlorobenzene, 1 Lb. **50c.** 5 Lbs. **40c.** Lb. 10 Lbs. **35c.** Lb. 25 Lbs. **30c.** Lb. 50 Lbs. **28c.** Lb. 100 Lbs. **25c.** Lb. 150-Lb. Keg **24c.** Lb.

Scalecide.

1-Qt. can **\$.75** 10-Gal. can **\$10.60**

1-Gal. can **1.75** 15-Gal. drum **13.50**

5-Gal. can **6.25** 50-Gal. barrel **38.00**

Dritomic Sulphur. Powdered form possesses same valuable qualities as Atomic Sulphur. Much more convenient to handle. 4-lb. pkgs. **20c.** lb. 100-lbs. or more **15c.** lb.

Ant Food (McGregors)

Half pound	\$.50
Pound	1.00
5 lb. pkg. ....	.95 per lb.
10 lb. pkg. ....	.90 per lb.

Pyrox

Use Pyrox especially for potatoes, tomatoes, cucumbers, melons, cabbages, peppers, eggplants, berries, small fruits, shrubs, and flowers. 1-lb. jar **50c.** 5-lb. drum **\$1.75.** 10-lb. drum **\$3.00.** 25-lb. drum **\$6.25.** 50-lb. drum **\$10.75.** 100-lb. drum **\$17.00.** 300-lb. drum **\$48.00.**

Improved Dethol Moth Preventive Disinfectant Deodorant a Household Necessity

Half Pints	\$.50 each	Quarts	1.25 each
Pints .....	.75 each	Gallons	4.00 each

Animal Fly Spray (So Bo So)

Animal Fly Spray (So Bo So), Qt. **50c.** ½ Gal. **75c.** Gal. **\$1.25.**

ATTENTION OF THE LARGE FARMER AND ORCHARDIST

We are in position to, and will be glad to quote very special prices on Insecticides in large quantities.

Bolgiano's Reliable Sprayers**NEW PEERLESS**

Heavy Tin (1 qt.) **\$.50**

LITTLE WONDER

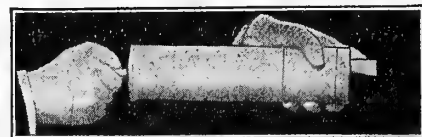
Heavy Tin (1 pt.) **.45**

Wide spreading Garden Duster.

Weight 1 lb.

Postage extra.

Price **\$1.00.**

**NOTICE**

Prices F. O. B. Baltimore. Subject to Change Without Notice. Postage, Freight, Extra.

The Robertson Compressed Air Sprayers

Works easier. Lasts longer. Gives more powerful spray. Every Robertson Sprayer is tested separately before leaving our factory and guaranteed to work perfectly.

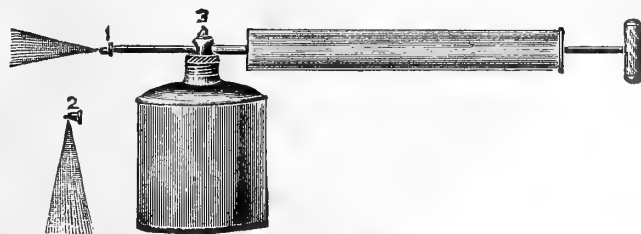
PRICES**Standard Size, Having One-Quart Container**

Tin Pump and Container..... **\$1.00**

Tin Pump and Galvanized Iron Container..... **1.25**

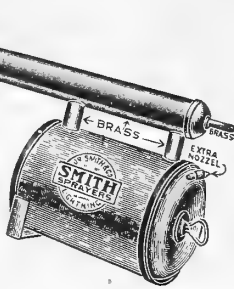
Brass Pump and Copper Container..... **2.25**

All sprayers have brass tubes and fittings



Speedex Compressed Air Sprayer

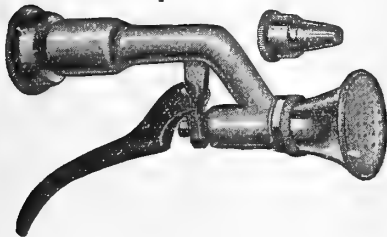
Made with Brass Pump and Galvanized Steel Tank.
Capacity: One-half gallon.



Few strokes of the pump now and then keeps up a powerful long continuous, unbroken, fine mist vapor spray which may be directed in any direction desired.

Highly recommended for spraying insecticides, disinfectants, fly killers, shrubbery, flowers, small garden vegetables, etc. It is well made throughout of the best material for long service. Price \$2.00.

Smith Aquamatic Nozzle



WASTES NO WATER. MADE OF BRASS.
SCREWS ON TO ANY LAWN HOSE COUPLING.

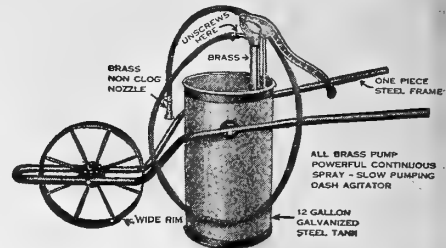
For washing automobiles, windows, buggies, floors, sidewalks and for sprinkling lawns, shrubbery, flower beds. For laying dust in driveways and streets, extinguishing fires and for many other purposes. Price \$2.00. Postage extra.

BANNER No. 22
Compressed Air SprayerTHE BEST COMPRESSED AIR
SPRAYER MADE.

4 gallon galvanized steel or brass tank as ordered. Tank double seamed and well riveted. Seamless brass 2-inch pump. Pump castings heavy brass. Hose 2 ft. 5 ply. Adjustable carrying strap with snap ends. Automatic brass nozzle for 3 different sprays. Will not clog. This Sprayer is adapted for all spraying purposes. It cannot be excelled for spraying garden vegetables, plants, shrubbery, trees, flower beds, white-washing and disinfecting poultry houses, stables, cellars. Washing windows, buggies, etc. In fact will spray anything in liquid form and is easily operated by man or boy. A big seller. Full directions and Spraying Calendar with each Sprayer.

Price galvanized steel, \$6.50. All brass, \$9.00. 2 ft. brass extension pipe included. F. O. B. Baltimore.

No. 50 Wheelbarrow Sprayer



Length: 58 in. over all.

Tank: Galvanized Steel, height 22 in., capacity 12 gallons.

Brass: Entire pump; ball valves; valve seats; cylinder; air chamber and nozzle.

Agitator: Dasher, keeps liquids thoroughly mixed.

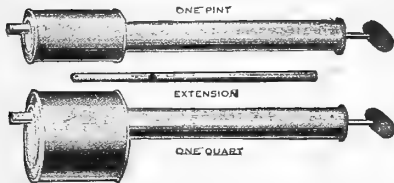
Hose: 8 ft. 1/2 in. with 4 ft. extension rod.

Nozzle: Brass with two interchangeable spray discs, for two different sizes of spray and provided with strainer to prevent clogging.

Made to fill the needs of the dairyman, gardener, florist, or nurseryman. Adapted for spraying truck crops, vineyards, orchards, flowers, and for spraying disinfectants, whitewash or Carbola in dairy barns, poultryhouses, etc. Pump is entirely of brass, double acting, provided with large air chamber which keeps an even, heavy pressure on the nozzle, thereby producing a large, mist like continuous, unbroken spray with slow easy pumping.

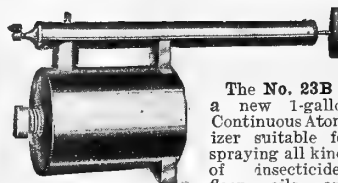
The frame is steel, making it the strongest kind of a frame.

The pump may be easily detached from the tank and the tank with wheel and frame may be used for wheeling water or slops about. Price \$16.00. F. O. B. Baltimore.



Equipped with extension 19 1/4 inches long which enables operator to apply the dust to the underside of the leaves when standing in an upright position.

Duster Brown No. 2-B, pint.....\$1.00
Duster Brown No. 2-C, quart.....1.25



The No. 23B is a new 1-gallon Continuous Atomizer suitable for spraying all kinds of insecticides, floor oils and other heavy liquids which cannot ordinarily be sprayed in a Compressed Air Sprayer. Brass Pump. Galvanized Tank.

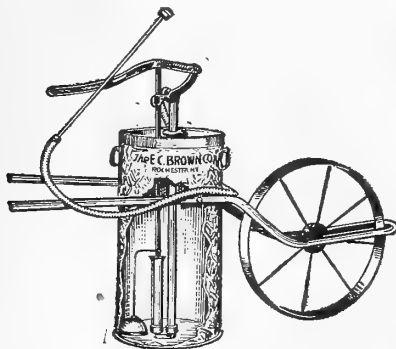
Price \$2.25.



AUTO SPRAY NO. 5

It is double acting, producing a continuous spray and will generate a pressure of 200 lbs. Can be supplied with galvanized steel or brass Knapsack tank or may be used in connection with a bucket.

Auto-Spray No. 5, pump nozzle hose and strainer. \$4.50
Galvanized knapsack, 3 1/2 gals.....3.00
Brass knapsack, 3 1/2 gals.....6.00



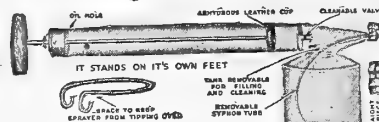
AUTO SPRAY NO. 30

The pump is made almost entirely of brass, there are no leather cups to wear out and the plunger head is packed with graphite asbestos which may be expanded for wear. It is made with either brass or galvanized tank of 12 gallon capacity. Equipped with 6 ft. 3/8" hose, iron extension 2 ft. length and Auto-Spray nozzle.

Weight packed for shipment, 50 lbs.

Brass Tank \$20.00; Galvanized Tank \$15.00.

It Sprays Continuously



No. 26-C. All Brass, 1 qt. Price, \$1.25.



AUTO SPRAY NO. 50

This sturdy little machine is almost identical to Auto-Spray No. 9. Capacity about 2 and one-half gallons, height 18" and diameter 7". Recommended for use when the women-folk or youngsters help out with the spraying.

Auto-Spray No. 50-D, Galv. tank with Auto-Pop extension rod.....\$5.40

Prices quoted
F. O. B. Baltimore



BROWN'S AUTO SPRAY NO. 9

Capacity 3 1/2 gallons, equipped with extension rod.

No. 9B, Brass Tank with Auto-Pop.....\$9.25
No. 9D, Galv. Tank with Auto-Pop.....\$6.25

EXTRA ORDER BLANKS and ENVELOPES FURNISHED on REQUEST

“TESTED AND TRUSTED” OVER A CENTURY

THE J. BOLGIANO SEED CO. GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS, PLANTS OR BULBS THEY SEND OUT, AND THEY WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

Date _____ 19____

SEND BY _____
(State here if wanted by Mail, Express or Freight)

POST OFFICE _____ STATE _____

EXPRESS or
FREIGHT OFFICE _____

Money Enclosed	Amount
Bills or Silver <i>Are sent at owner's risk.</i> <i>(Register the Letter)</i>	
Draft or Check	
Ex. Money Order	
Post-Office Order	
Postage Stamps	
Total	

If goods
are wanted
C. O. D. 25
per cent. of
the amount
must
accompany
the order.

No plants
shipped
C. O. D.

DOMESTIC PARCEL POST RATES

**On Seeds, Plants, Bulbs, Roots, Books, Tools, etc.
within the U. S. and Possessions.**

DOMESTIC PARCEL POST RATES		First pound or fraction	Each additional pound or fraction
On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.			
First Zone	Baltimore, Md. or 50 miles thereof..	7c	1c
Second Zone	within 50 to 150 miles.....	7c	1c
Third Zone	within 150 to 300 miles.....	8c	2c
Fourth Zone	within 300 to 600 miles.....	9c	4c
Fifth Zone	within 600 to 1000 miles.....	10c	6c
Sixth Zone	within 1000 to 1400 miles.....	11c	8c
Seventh Zone	within 1400 to 1800 miles.....	13c	10c
Eighth Zone	all over 1800 miles.....	14c	12c

IF OUT OF VARIETY
ORDERED HAVE WE YOUR
PERMISSION TO
SUBSTITUTE EQUAL OR
BETTER?

ANSWER YES or NO_____

Please do not write in these spaces

DATE FILLED _____ POSTAGE _____

FILLED BY _____ CHECKED BY _____ PACKED BY _____

PLEASE DO NOT WRITE IN ABOVE SPACE

[illegible]

OVER

PLEASE GIVE YOUR NAME AND ADDRESS IN FULL

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One Hundred and Ninth Annual



The
J. BOLGIANO SEED CO., Inc.
LIGHT ST. BALTIMORE, MD. AT PRATT
BRANCH STORE
849 BROAD ST., AUGUSTA, GA.